MIDDLEBURY COLLEGE BULLETIN
VOL. XVI NOVEMBER, 1921 NO. 3

MIDDLEBURY COLLEGE

The Catalogue

1921-1922

PART TWO

The Women's College

MIDDLEBURY, VERMONT
Published Monthly by the College
PROFESSOR J. MORENO-LACALLE
Editor of College Publications

Calendar

1921

JULY

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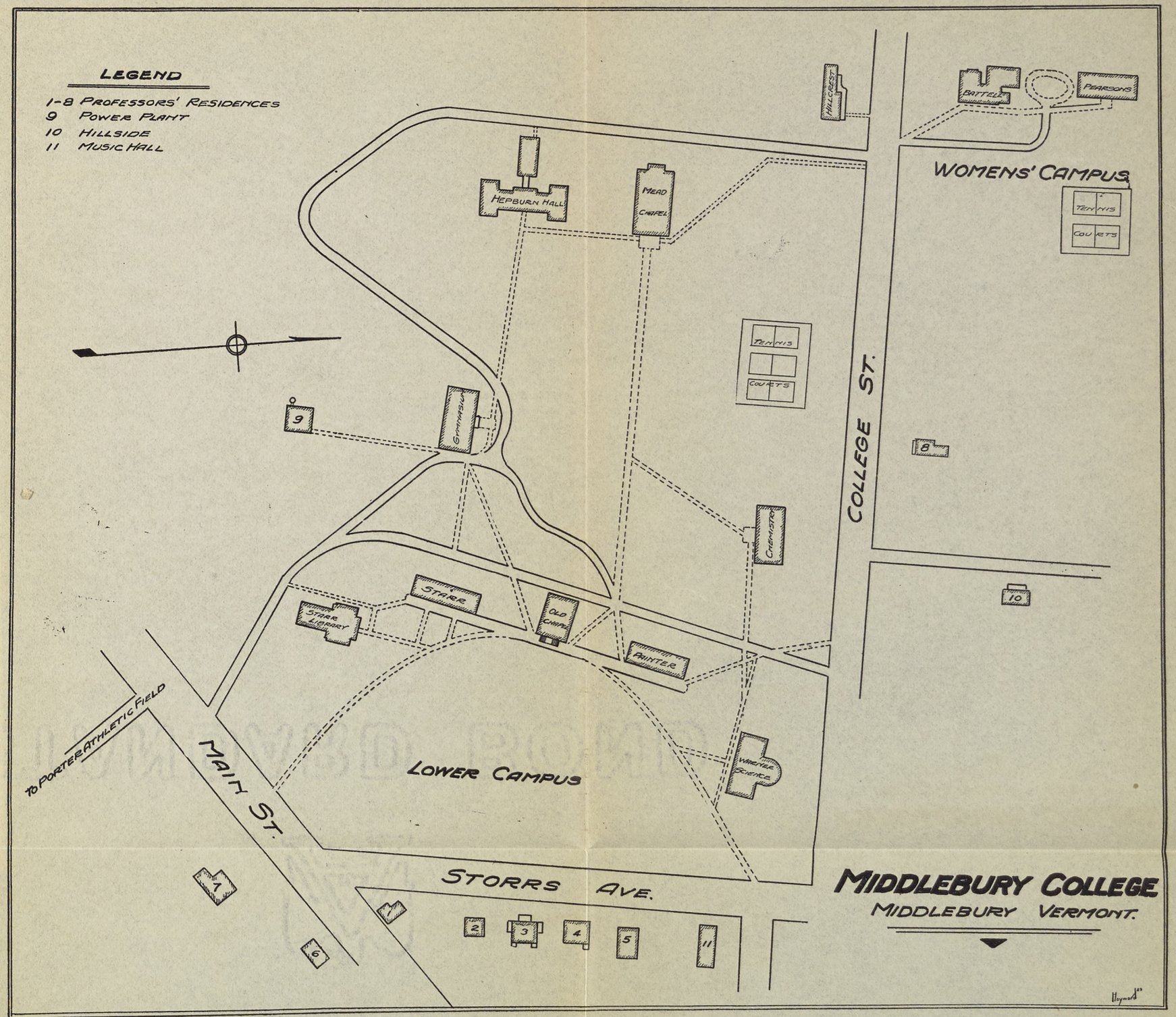
LEGEND
1-8 PROFESSORS' RESIDENCES
9 POWER PLANT
10 HILLSIDE
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HILLCREST
BATTELL
PEARSONS
WOMENS' CAMPUS
TENNIS
COURTS
HEPBURN HALL
MEAD CHAPEL
COLLEGE ST.
GYMNASIUM
CHEMISTRY
STARR
STARR LIBRARY
OLD CHAPEL
PAINTER
WARNER SCIENCE
LOWER CAMPUS
TO PORTER ATHLETIC FIELD
MAIN ST.
STORRS AVE.
MIDDLEBURY COLLEGE
MIDDLEBURY VERMONT.
Hoyned

A Catalogue of Middlebury College

Middlebury, Vermont

One Hundred and Twenty-Second Year

1921-1922

PART TWO

The Women's College

Published by the College

1921

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THE WOMEN'S COLLEGE

GENERAL INFORMATION

MIDDLEBURY COLLEGE was chartered in 1800 on the model of still older New England colleges and throughout its history has devoted itself strictly to college work, without professional or technical schools. It offers instruction in twenty-one departments by a Faculty of over forty Professors, Assistant Professors, and Instructors. The degrees of Bachelor of Arts and Bachelor of Science are conferred upon the completion of a four years' course, while in both college and summer session advanced courses lead to the degrees of Master of Arts and Master of Science. A group system of elective studies is maintained.

In 1883 Middlebury College opened its doors to women, and offered to them the same courses and privileges afforded to men. In 1902 a charter was granted for an affiliated College for Women, and steps have been taken toward two coördinate institutions, one for men and one for women, as fast as resources have allowed. It is believed that both men and women are better for the separate life provided by the distinct college organizations, while greater educational advantages, due to economy in instruction and administration, justify the affiliation of the two colleges in those activities and interests that are of necessity shared by men and women.

The President and Fellows of Middlebury College exercise full supervision and control of the Women's College. They are authorized to receive gifts for

scholarships and professorships for the benefit of women students, for buildings for women, and for the general purposes of the Women's College. Bequests, legacies, and gifts for the education of women in connection with Middlebury College should be made payable to "The President and Fellows of Middlebury College."

The requirements for admission to the Women's College are the same as those for men. Women are taught by the same Faculty as men, and enjoy the same privileges in the Library and Laboratories. All courses of instruction are open to them, and they have equal opportunities in every department of the College. They are accorded the degree of A.B. or B.S. upon graduation, and may attain the degree of A.M. or M.S.

GOVERNMENT AND RESOURCES

The government of the College is by a Board of Trustees, whose corporate title is "The President and Fellows of Middlebury College." The corporation is self-perpetuating and the charter of the College contains no restrictions as to elections. The College owns buildings, equipment and grounds valued at $846,905. The permanent endowment amounts to $1,785,353.42 of which over two-thirds have been received in the past ten years. An annual appropriation of $31,200 is received from the State of Vermont, of which $7,200 is for scholarships. The annual expenditures for the year 1919-1920 were $193,376.83. The College has never impaired its endowments and is not in debt. The permanent endowment includes the "Liberty Endowment Fund" of $422,498.50, subscrip-

tions to which were completed June 30, 1918. The General Education Board has pledged $250,000 toward a further fund of one million dollars for endowment for professors' salaries.

LOCATION

Middlebury is a village of 2000, beautifully situated in the Champlain Valley and equidistant from the northern and southern boundaries of Vermont. It is on the main line of the Rutland Railroad, with through trains both from Boston and New York. The College Campus commands a surpassing mountain view, the Adirondacks across Lake Champlain to the west, and on the east a wide sweep of the Green Mountains, much of which is within the 30,000 acre forest preserve belonging to the College.

THE CAMPUS

The College Campus comprises 244 acres and is in four sections. The "old campus" of 30 acres contains the main buildings and residences for men; the Battell Campus is reserved for buildings for women; Porter Field of 79 acres comprises the athletic grounds; a fourth section, recently acquired, borders the Otter River for a considerable distance.

BUILDINGS

The College plant includes eleven permanent buildings, besides cottages, professors' houses and smaller structures. The three oldest buildings are of gray limestone, colonial in architecture. Vermont white marble has been used in most of the more recent structures and the same classic architecture has been followed. Each building has been planned with reference to the others, with ample spaces between. The result is a pleasing harmony and a campus of ex-

ceptional beauty. Descriptions of the several buildings will be found elsewhere in this catalogue.

GROWTH

Middlebury College has made substantial progress in the past decade, especially in equipment and in permanent funds. Student attendance has doubled, endowments have been trebled and the annual income has been quadrupled. Among the recent buildings are: the Mead Memorial Chapel, a marble structure of great beauty and impressiveness; the Chemistry Building, affording unusual laboratory facilities for that science; and the McCullough Gymnasium, well appointed for physical education.

JOSEPH BATTELL BEQUEST

One of the most unique gifts to an American college was the bequest of the late Joseph Battell to Middlebury, which was received in 1916. For over forty years Mr. Battell had been acquiring forest and mountain lands in the vicinity of Middlebury with a view to the preservation of the forests and the beauty of the natural scenery of the region. His holdings amounted to about 30,000 acres along the highest ridge of the Green Mountains and including several of the higher mountains of Vermont. Most of the land is heavily wooded and will afford the College the opportunity for the practice of scientific forestry in its immediate vicinity. The value of the estate exceeds $400,000.

OTHER BEQUESTS

A more recent bequest is that of Dr. Henry Freeman Walker of the Class of 1860, of $100,000 for the establishment of a "Furlough and Emergency Fund," the income of which is to be devoted to the needs of the Faculty in provid-

ing for occasional periods of rest, recreation or study, and in relieving the more immediate exigencies of sickness. By the will of the late Mrs. Russell Sage the College has received $100,000. A fund of $10,000 was established in 1918 and increased to $60,000 in 1920 to be known as the "Fletcher D. Proctor Fund for American History," the income of the investment to be applied toward the payment of the salary of a professor to teach American History.

RELIGIOUS POSITION

Middlebury College is non-sectarian, having never had official connection with any church. The founders, however, were men of deep piety, and a tradition of earnest religious faith and sincere moral purpose was early established, which it is the desire of the College to foster. Student religious organizations are maintained, with an active Sunday Noon Club. A chapel service is held each week-day at 10 A.M. and a vesper service on Sunday at 5 P.M. All students are required to attend unless excused for urgent cause. These services are conducted by the President, and men of eminence of various denominations act as College preachers. The music is in charge of the Head of the Music Department. The vested choir is composed of twenty-four students, chosen by competition.

LECTURES AND CONCERTS

A sufficient appropriation is provided to bring to the students of the College at a very low cost an annual series of lectures, recitals, and concerts of the highest rank. The program for the current year includes a lecture by William Jennings Bryan, recitals by Pablo

Casals and Hulda Lashanska, and concerts by the Boston Symphony Orchestra and the New York Chamber Music Society.

THE MODERN LANGUAGE SCHOOLS

The Summer Session has brought the College an enviable reputation for its distinctive work. The permanent connection with the College of the Deans of the French and Spanish Schools now makes it possible for undergraduate students to benefit by the advantages these schools have introduced into language teaching. With the establishment of the Maison Française, the French School has been continued throughout the college year, and although primarily a graduate school o- French, the benefit of its courses and the conversational advantages provided at the French Dining Hall may be enjoyed by properly qualified students of the College. Spanish tables have been introduced at Hepburn Dining Hall in charge of native Spanish instructors, for the benefit of students of Spanish, and Hillside Cottage is devoted exclusively as a Spanish House for students of Spanish, where, under the direction of native instructors, they live in an entirely Spanish atmosphere.

MIDDLEBURY'S SPECIALTY

The specialty of Middlebury is not a department of study, but a type of student. The location of the College in a frugal agricultural region favors economy. For over a century she has sought out particularly the youth from the quiet homes of northern New England and surrounded them with encouragement to modest living while engaged in the pursuit of knowledge. By resolute

endeavor college expenses have been kept low. Students who have to work their own way are especially encouraged, in the belief that such students furnish the most healthful tone to an institution of learning. Those who can afford more than Middlebury exacts are invited to consider the advantages to character which come from such an atmosphere in the formative period of life.

INDIVIDUAL TRAINING

Since no two women are alike, each student needs the particular care and oversight of her instructors during her entire college course. With a small student body and an ample number of professors such oversight is possible, and the unusual success of Middlebury's graduates is believed to be due to its maintenance. For the more certain continuance of this success, the College reserves the right to request the withdrawal, even though no specific charge is made against her, of any student whose presence is considered detrimental to its welfare.

HEALTH MEASURES

The College aims to investigate and care for the health of each student. The Department of Physical Education commands the services of an instructor for the women. The attendance of Freshmen is required at such lectures on personal hygiene as may be announced by the Director of Physical Education. Every Freshman is given a thorough Physical Examination, which may be repeated at the discretion of the Director; measurements and records are kept, corrective exercises are prescribed where needed, and students are encouraged to organize and carry on a great variety of out-of-door sports under

the general charge of the Director. The importance to the student of laying a sound physical foundation during the years of the college course cannot be over-estimated, and the College reserves the right to ask the withdrawal of any student whose physical condition is unfit.

TO WHAT DOES COLLEGE LEAD

The desirability of carefully mapping out one's life work is impressed upon all students, and college instructors give freely of their time and advice in aiding students to a wise arrangement of their studies. The first object of a college course should be that development of mind and personality which will enable one to lead a life of greater usefulness; but success is more likely to attend the student who, in seeking that development, strives to fit herself for some particular field of service. The field of opportunities for women has broadened considerably during the last few years, and many college students who would once have gone out to teach are now looking toward such professions as extension work in Home Economics, dietetics, or tea room and cafeteria management; some form of journalism; secretarial or statistical work; scientific work; medicine or nursing; social or religious work, and many others. The Dean of Women and her secretary are glad to help the students at any time with suggestions or advice along these lines, and desire to confer with each girl sometime during her college course. For the convenience of our students, several special programs of study have been organized preparatory to those employments which the majority of Middlebury College graduates enter. A bulletin entitled "Programs for College Students" will be sent upon request.

STUDENT GOVERNMENT ASSOCIATION

The students of the Women's College of Middlebury have been self-governing since January 5, 1912. The object of this Association is to control the conduct of the women in all matters of their college life which are not under direct jurisdiction of the Faculty; to foster the spirit of unity among them; to increase their sense of responsibility toward each other; and to maintain the social standards of the College.

All women registered as students in the Women's College of Middlebury become members of this Association upon reading and signing the Constitution and By-Laws. The act of signing the Constitution and By-Laws is an agreement to accept the principles, rules, and regulations of the Student Government Association. By signing them the student pledges herself to responsible membership in the community and to subordination of personal interests to the general good.

ADMISSION

GENERAL INFORMATION

STUDENTS are admitted to Middlebury College either by certificate or by examination. Application should be made to the Dean of Women. After applications have been received the necessary blanks for admission by either method will be sent. Certificates are always sent to the principal of the school; other blanks are sent to the applicant.

CERTIFICATION

REQUIREMENTS FOR CERTIFICATION

FOR admission by certificate 15 points or admission credits are necessary. A point is a preparatory school subject pursued one year with five recitation periods a week except in English where 3 points are are given for 4 years' work. These preparatory school subjects are, for purposes of admission to college, grouped under three heads: required points, optional points, and free choices.

I. Required points:

a. Of all students, English, 3 points; Algebra, 1 point; Geometry, 1 point.

b. Of A. B. students, Latin, 4 points, or Greek 3 points.

c. Of B. S. students, Foreign language, 2 points.

II. Optional points:

Three points from the following groups of options are to be chosen by both A. B. and B. S. students.

Group 1.	Group 2.	Group 3.
Languages	*History and Social Science*	*Science*
Latin	Ancient History	Mathematics
Greek	Medieval European History	Chemistry
French	Modern European History	Physics
German	English History	Biology
Spanish	American History	Physiology
	Bible	Physiography
	Civics	Botany
	Economics	Zoology
	Social Science	Drawing

III. Free choices:

The remaining points are to be chosen from any subjects taken in the preparatory school and not already used in making up the required and optional points.

ELIGIBILITY FOR CERTIFICATION

Students in New England from schools upon the approved list of the New England College Entrance Certificate Board will be admitted on certificate of their high school principals. *No total certification for less than eight points will be considered*, but the eight points need not all be from the same school.

Schools not upon the approved list of the Certificate Board, but meeting its requirements in respect to curriculum, teaching staff and equipment, may, for the purpose of showing their standard of certification, send one or more students on certificate, if arrangements for so doing are concluded with the Board before April 1. Inquiries on this subject may be addressed to Dean Frank W. Nicolson, Secretary of the Board, Wesleyan University, Middletown, Connecticut.

Students outside of New England from schools upon the approved list in their respective states will be ad-

mitted on the same basis as those from approved schools in New England.

Students who have taken the examinations of the College Entrance Examination Board may present certificates from the Board and will be given credit for all courses in which they have attained 60 per cent. All applications for Board examinations, which will be held in June, 1922, must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th Street, New York, and must be made upon a blank form to be obtained from the Secretary of the Board, for examinations at points in the United States on or east of the Mississippi River. The examination fee is $6.

Students who have passed the examinations of the Board of Regents of the State of New York will be credited upon certificate for all such courses.

ENTRANCE CONDITIONS

Students entering by this method may matriculate conditioned three points. Not more than one of these conditions may be in required subjects and not more than two in optional subjects; but no conditions will be allowed in required subjects in which the candidate has no preparatory school record.

The methods by which entrance conditions may be removed are as follows:

a. By examination. The regular entrance examinations of June and September furnish convenient opportunities for those wishing to avail themselves of this method.

b. By an average of 80 per cent in all the work of either semester of the Freshman year, which will re-

move entrance conditions not exceeding two points for each semester, provided the student's grade in no subject falls below 70 per cent.

c. By the operation of the following rule: Entrance conditions remaining at the opening of a student's second year will be cancelled by deducting three credits from her college record for each unit or fraction thereof; but this shall not be construed as prejudicing any work that she may have done toward satisfying major and minor requirements, or in meeting her prescribed courses. After the opening of her second year, no student may take an examination to remove entrance conditions.

Students who have only partial certification totaling eight points or more may make up deficiencies by examinations covering the points in which they are not certified; or they may enter wholly by examination.

SPECIAL CERTIFICATION

Students who have graduated from any approved high school in the first third of the class and whom their principals will certify upon the general record of their courses rather than in individual subjects may be admitted provided they have satisfied the required points as stated above for entrance upon the work of either degree. A detailed statement of the high school course will be accepted in each case by the Admission Committee as satisfying the remaining points up to fifteen provided it shows that the student has included in her course the following list of subjects or their equivalents: 4 years of English; 2 years of Mathematics; 2 years of a foreign language, 1 year of history, 1 year of natural science. No conditions will be allowed.

EXAMINATIONS

STUDENTS desiring to enter Middlebury College by the examination method alone (1) must present evidence of an approved school course satisfactorily completed and (2) must show in four examinations that their scholarship is of satisfactory quality. Examinations are held at Middlebury in June and September. It is also possible to take the examinations in June under the supervision of the candidate's high school principal.

THE SCHOOL RECORD

An official detailed statement must be presented to the Admission Committee showing that the candidate has satisfactorily completed an approved secondary school course and that this course has included the following list of subjects or their equivalents: 4 years of English, 2 years of mathematics, 2 years of a foreign language, 1 year of history, 1 year of natural science. This statement should include a recommendation of the candidate for the examinations signed by the principal or his accredited representative.

THE EXAMINATIONS

If the candidate's school record is satisfactory, she may present herself for examination in four subjects, as follows:

1. English.

2. Latin or Greek, if an A.B. student; mathematics, if a B.S. student.

3. Two other subjects chosen from the following groups but not from the same group.

Group 1.	Group 2.	Group 3.
Languages	*History and Social Science*	*Science*
Latin	Ancient History	Advanced Mathematics
Greek	Medieval European History	Chemistry
French	Modern European History	Physics
German	English History	Biology
Spanish	American History	

The scope of these examinations is as follows: English, 4 years; Latin, 4 years; Greek, 3 years; Mathematics, 2 years; optional subjects, language a minimum of 2 years; History and Science, a minimum of 1 year; Mathematics a minimum of half a year.

Under this plan no entrance conditions can be incurred; either the candidate will be admitted without conditions, or she will be refused admittance. Her total record, including both her school record and the result of her examinations must clearly show that she is a desirable student. In order to assure this each person who examines the papers of any candidate will be furnished with a copy of the candidate's school record and will return to the Admission Committee with the candidate's paper a judgment upon it in which the candidate's school record is taken into account. As the examinations and the school record furnish the Admission Committee with the data necessary for estimating the candidate's ability at a certain time to do college work, she will under ordinary circumstances not be allowed to repeat the examinations until sufficient time has elapsed to assure her improvement by further study; nor will she be allowed to distribute the examinations over an extended period of time. For the same reason, if she finds it necessary to repeat the examinations, all of them must

be repeated. So many factors must be considered, of which the examinations are only one, that no record in individual examinations will be given out. The student stands or falls upon the record as a whole.

ADVANCED STANDING

A CANDIDATE for admission to advanced standing who comes from an approved institution of collegiate rank may receive credit, without examination, for work done at such institution, if she presents a detailed statement of her previous work. This statement should include a full list of preparatory subjects accepted for admission by the institution previously attended, and also a list of the subjects taken there for which credit has been attained. A letter of honorable dismissal from the institution last attended also must be presented, and no student who has been separated from another institution for reasons of scholarship will be granted any academic favor that would not be extended by the institution from which she has been separated.

Every other candidate for admission to advanced standing must first satisfy the entrance requirements of the course which she desires to enter. Such students will be required to pay a fee of $5 if admitted to the Sophomore class, or $10 if admitted to higher rank. Students who have gained credits toward admission to college in any study which is offered in the curriculum will ordinarily be required to elect some other study in its place. This may be an advanced course in the same department or a course in some other department.

A Freshman who is admitted to college without a condition may request of the Registrar, within two

weeks of the time when she registers, that she be given an examination for college credit in any subject of the Freshman year. If she passes such an examination with a grade of 75 per cent, credit will be allowed for the course toward either degree. A student who passes any subject in this manner will be required to carry the normal number of recitations a week from the studies open to election by her class.

A student satisfying her instructor of her fitness to do so, may take a qualifying examination in any subject of the Freshman year, which, if passed, will be accepted as prerequisite to the succeeding course, but will not entitle her to college credit for the examination so passed. An examination in Mathematics or Latin so passed will apply toward meeting the mathematical or classical requirement for a degree.

THE COLLEGE CURRICULUM

BACCALAUREATE DEGREES[1]

MIDDLEBURY COLLEGE confers the degrees of Bachelor of Arts and Bachelor of Science in accordance with the following regulations:

Every candidate for the degree of Bachelor of Arts shall before graduation complete a major in either Group One or Group Two, a minor in each of the two groups in which she does not major, one year of English, and two years of Greek or Latin.

Every candidate for the degree of Bachelor of Science shall before graduation complete a major in either Group Two or Group Three, a minor in each of the two Groups in which she does not major, one year of English and two years of Mathematics.[2]

REGISTRATION

EVERY student must register her election of courses before the beginning of each semester, at dates which are announced in advance. Upon the payment of her semester bills, admittance cards are issued to the courses elected. No student will be enrolled in any course until the instructor in charge receives a card from the Registrar admitting her to that course.

ADVISERS

To give students that individual assistance which is necessary to a wise selection of courses, and to prevent

[1]The regulations governing the attainment of the degrees of Master of Arts and Master of Science will be found in pp. 93-95.

[2]Any B. S. student may substitute Physics 1-2 or Biology 1-2 for the second year of the Mathematics requirement.

errors, all elections made by students must be endorsed by an Adviser. This must be done before the Registrar will issue Admission Cards to the courses.

ORGANIZATION OF COURSES

In explanation of the requirements, it should be noted that the courses of instruction offered by Middlebury College are organized in departments. These Departments are arranged in three *Groups*, as shown in the following table:

Group One	*Group Two*	*Group Three*
English	Economics	Biology
French	Fine Arts	Chemistry
German	History	Drawing and Surveying
Greek	Music	Geology
Latin	Pedagogy	Mathematics
Spanish	Philosophy	Physics
	Physical Education	
	Political Science	

Most of the courses of instruction offered in the various departments are lettered A, B, or C. These letters refer to the evaluation of the courses so lettered in completing *major* and *minor* requirements; admission to courses of advanced grade is gained only by completing one or more appropriate courses of more elementary grade which are designated *prerequisites*.

PROGRAMS OF STUDY

Students who come to college for definite preparation in a special field of work may elect one of the special-four-year programs[1] that have been arranged in

[1]The details are given in a bulletin, "Programs for College Students," which will be sent upon request.

EDUCATION
BUSINESS, LAW AND POLITICAL SCIENCE
PRE-MEDICAL AND PHYSICAL EDUCATION
SOCIAL AND RELIGIOUS SERVICE
CHEMISTRY AND CHEMICAL INDUSTRY
ENGINEERING AND FORESTRY

These programs are arranged to meet all the graduation, major, minor, and distribution requirements. The choice of one of these programs, therefore, will simplify the election of courses for any student whose needs they meet. A student, however, is not required to elect one of the special programs but may follow the general requirements for the election of studies if she prefers.

FRESHMAN YEAR

EVERY candidate for the degree of Bachelor of Arts is required to begin her classical requirement for graduation in the Freshman year. This is Latin 1-2, or Greek 1-2, or Greek 13-14. Every candidate for the degree of Bachelor of Science is required to take Mathematics 1-2 or 1b-2b in the Freshman year. All Freshmen must complete the requirement of fifteen hours a week by electing from the courses open to their class. Students in the first semester of the Freshman year are limited to five courses, double courses in language counting as two. Freshmen in the first semester may take practical work in music, but without college credit. To take six courses in any subsequent semester a student must have attained an average of 75 per cent in the courses of the previous semester; to take seven courses she must have obtained an average of 80 per cent.

MAJORS AND MINORS

BEFORE the completion of her Freshman year, every student is expected to determine in a general way the subjects of study which she intends to pursue during the remainder of her college course. The fields which have a special interest for her she indicates by registering her choice of *one major* and *two minors* to be completed before she graduates.

A major may be defined as a subject which a student elects to pursue in college through six lettered courses (18 hours) of one department, of which not more than two courses may be of A grade and not less than two shall be of C grade. A few courses may be counted toward fulfilling requirements in either of two departments. These are specified in the descriptions of such courses.

A minor consists of a subject which a student elects to pursue in college through four lettered courses (12 hours) of one department, of which not more than two courses may be of A grade. Lettered courses that have been taken in the Freshman year may be counted toward fulfilling major and minor requirements.

DISTRIBUTION OF WORK

WHILE the selection of major and minor subjects enables each student to concentrate her attention upon those fields which have particular interest for her sufficiently to secure in them a higher degree of attainment than in others in which specialization does not proceed so far, she should be equally solicitous of securing a sufficient distribution of electives to obtain for herself

that variety of interests and breadth of view which graduation from a college of liberal arts implies.

To accomplish this a distribution requirement is operative which makes it necessary for each student to complete not less than six courses in each of the three groups and does not permit her to count towards a baccalaureate degree more than twenty courses (one-half of her entire course) in any one group. This regulation, however, does not restrict qualified students from taking extra courses in a group, either for honors or to apply towards a Master's degree.

ELECTIVE COURSES

The major and minor requirements involve less than one-half of the total number of credits required for graduation and permit the student, therefore, a wide range of free electives. The remaining credits necessary for graduation may be obtained by completing any of the courses, within the limits of the distribution rule described above, which are open to election by the class of which the student is a member. With few exceptions, courses are open to election by two classes and a large number may be elected by three classes. A few courses are unlettered; these may be chosen in the years designated and will be counted for credits toward graduation like other courses, but may not be counted toward fulfilling major and minor requirements except by special permission of the Curriculum Committee. Before registering, a student should consult carefully the hours at which the different courses are scheduled to recite.

No change of studies will be allowed during the first

week of class-room work except by permission of the Chief Adviser. After the first week of class-room work, no change may be made except by permission of the Chief Adviser and the instructors involved, and upon payment of a fee of $1.00 to the Registrar at the time the change is made. After the second week of class-room work, no change may be made except within a department and upon the initiative of the instructor.

RECITATION REQUIREMENTS

The student's work is estimated in hours and credits. An hour means one period of class work per week for one semester. Laboratory courses require double periods but are rated the same as recitation courses. The normal number of courses of study required of each student is five.[1] The circumstances under which more or less than this number may be taken are explained elsewhere. All courses, unless otherwise stated, are conducted three hours a week, so that the normal amount of class-room work required is fifteen recitation hours a week, exclusive of preparation.

While the amount of time required for thorough preparation differs in different studies and for different students, every student should allow two hours of time for the preparation of each hour of recitation, except in laboratory courses, and the best results of collegiate training cannot be expected from less.

[1]In the case of students beginning French or Spanish this is reduced to four, since beginners' courses in these languages recite six instead of three times per week.

REQUIREMENTS FOR GRADUATION

WHEN satisfactorily completed, each hour of recitation a week for each semester counts one credit toward graduation. One hundred and twenty credits of appropriately selected work, exclusive of that required by the Department of Physical Education for Freshmen, must be completed for the attainment of either of the baccalaureate degrees.

In the last semester of her course a student may have permission, at the discretion of the Chief Adviser, to take one more course than the number to which she is entitled by her grades, if necessary to complete 120 points in that semester. Previous to that semester seven is the highest number of courses that may be taken at one time. Students are charged $10 a semester for each extra course; from the next academic year, 1922-23, this fee shall be $15.

DEPARTMENTS AND COURSES OF INSTRUCTION

EACH course, unless otherwise specified, meets three times a week. The Arabic numerals preceding the courses indicate the registration number of the courses in 1921-22. Courses bearing odd numbers are given in the first semester, those bearing even numbers in the second. The capital letter following the title of a course indicates the grade of that course.

Unlettered courses cannot be counted toward the completion of majors and minors except by special permission of the Curriculum Committee. Prerequisite courses are shown in parentheses. A hyphen between two course numbers signifies that both are prerequisite. *Bracketed courses are not given in the current year.* Not more than two courses in one department may be taken at the same time except by permission of the Administration Committee. Freshmen may not take more than one course in English in each semester. In any modern language, students of any class will be assigned to those courses for which, in the judgment of the instructor, they are best fitted.

BIBLE STUDY

Professor HARRINGTON

See History 15-16.

BIOLOGY

Professor MILLS
Professor LONGWELL
Professor TERRY

1, 2. General Biology. A

A general cultural course dealing with fundamental biological laws and the interrelations of plants and animals. A part of the laboratory work of the fall and spring months will be done out of doors.

Laboratory fee, $5 for each semester.

Professor Mills.

3, 4. Structural and Systematic Botany. B

Intended as a general cultural course, showing the vital importance of botany to modern life; also as a preparation for teaching botany. Includes a survey of the plant kingdom beginning with the lower forms. (Biol. 1-2.)

Laboratory fee for each semester.

Professor Mills.

5, 6. Comparative Anatomy of Vertebrates. B

This course offers to the general and the pre-medical student a comprehensive knowledge of vertebrate structure, with special reference to man, together with adaptions and evolution. Dissection of selected examples. (Biol. 1-2.)

Laboratory fee, $5 for each semester.

Professor Longwell.

7, 8. Bacteriology. C

The principles of bacteriology and their application in the household, in sanitation, medicine, and various agricultural and industrial processes. This course aims to give students a general knowledge of bacteria, with laboratory technic for the study of species and the bacteriological examination of soil, air, water, milk, and sewage. (Biol. 1-2.)

Laboratory fee, $5 for each semester.

Professor Longwell.

9, 10. Embryology and Histology. C

A study of the development of the human body. It treats of the reproductive cells, maturation, fertilization, cleavage,

and the development of the principal organs. The laboratory work consists of practical histological technic, a study of the elementary tissues, early stages in the development of the chick, dissection and study of the later embryonic stages of the pig. (Biol. 6.)

Laboratory fee, $5 for each semester.

Professor LONGWELL.

11. PLANT HISTOLOGY. C

Tissues and tissue systems of spermatophytes. Principles and methods of killing, fixing, imbedding, sectioning, staining and mounting. (Biol. 3-4.)

Laboratory fee, $5.

Professor MILLS.

12. PLANT PHYSIOLOGY. C

A course for students who expect to teach botany or pursue work in agriculture, forestry, or plant pathology. (Biol. 3-4.)

Laboratory fee, $5.

Professor MILLS.

13. INVERTEBRATE ZOOLOGY. B

A study of invertebrate animals, with special emphasis upon protozoa and insects. Their structure, habits, and relationships. Laboratory examination of typical representatives. (Biol. 1-2.)

Laboratory fee, $5.

Professor LONGWELL.

14. PHYSIOLOGY AND HYGIENE. A

Designed to give a general knowledge of the function and hygienic relations of the organs of the human body, with special reference to the subsequent study of psychology, dietetics, physical education, and medicine. (Desirable antecedents: Biol. 6, Chem. 1-2.)

Laboratory fee, $5.

Professor LONGWELL.

16. Genetics. C

Theories of organic evolution; the principles of variation, selection, and heredity; the material basis of heredity; Mendelian inheritance and the application of its principles in animal and plant breeding and eugenics. (Biol. 3-4 or 5-6: Permission of instructor.)
Professor Mills.

18. Principles of Forest Management. C

An introduction to the study of forestry and forest management. The silvicultural systems of management and the methods of regulating the yield in order to obtain a continuous production of forest crops. Methods of forest valuation. The practice of forestry in Europe and America. The organization of the United States Forest Service and its administration of the National Forests. State and private forestry in this country.
Professor Terry.

CHEMISTRY

Professor Voter
Professor Davis
Mr. Kleinspehn

1, 2. General Chemistry. A

Introduction to the fundamental principles of general chemistry with the preparation and study of the elements and their more common compounds in the laboratory.

Laboratory fee, $16 for the year and breakage.
Professor Voter.

3, 4. Qualitative Analysis. B

Lectures on the applications of Physical Chemistry to Qualitative Analysis and discussions of the scheme. Laboratory work in the complete analysis of unknown solutions and solids, including salts, alloys and minerals. (Chem. 1-2.)

Laboratory fee, $16 for the year and breakage.
Mr. Kleinspehn.

5, 6. Quantitative Analysis. C

Laboratory work and lectures dealing with the general methods of Quantitative Analysis, gravimetric, volumetric, and electrolytic. (Chem. 3-4.)

Laboratory fee, $16 for the year and breakage.

Professor Voter.

7, 8. Industrial Chemistry. C

Lectures on the principal chemical industries, such as fuels, acids, gases, coal tar, etc. A study of the chemical reactions and apparatus used on a commercial scale. No laboratory work. This course alternates with Chem. 13-14. (Chem. 5-6, 9-10.)

Laboratory fee, $6 for the year

Professor Voter and Mr. Kleinspehn.

9, 10. Descriptive Organic Chemistry. C

Lectures on the carbon compounds. The methods of synthesis, properties, structure, industrial application, and physiological action of the more important members of the different homologous series are studied in detail. Laboratory work during the year. (Chem. 3-4, at least simultaneously.)

Laboratory fee, $20 for the year and breakage.

Professor Davis.

11, 12. Advanced Organic Chemistry and Organic Preparations. C

Advanced lectures on the carbon compounds and the principles of organic synthesis. Laboratory work in the preparation of typical organic compounds. Ultimate analysis. (Chemistry 9-10 and 5-6, at least simultaneously.)

Laboratory fee, $20 for the year and breakage.

Professor Davis.

13, 14. Advanced Inorganic and Physical Chemistry. C

Lectures on the properties of the elements and their compounds from the standpoint of the periodic classification.

The lectures of the second semester deal entirely with the theory and problems of Physical Chemistry. This course alternates with Chemistry 7-8. (Chem. 3-4.)
Mr. KLEINSPEHN.

21, 22. BIOLOGICAL CHEMISTRY. B

Lectures and laboratory work. A brief survey of Qualitative Analysis, Descriptive Organic and Biological Chemistry. This course is designed especially for students who wish to specialize in the Department of Home Economics. (Chem. 1-2.)

Laboratory fee, $16 for the year and breakage.

Professor DAVIS and Mr. KLEINSPEHN.

DRAWING AND SURVEYING

Professor SWETT

1, 2. MECHANICAL DRAWING. A

Lettering; applied geometry; orthographic projection; developed surfaces and intersections; pictorial representation; working drawings; technical sketching; tracing and blueprinting.

Instrument fee, $4 for the year.

[3, 4. DESCRIPTIVE GEOMETRY. B]

Problems relating to lines and planes; to single curved, double curved, and warped surfaces; intersection of solids. (D. and S. 1-2, permission of instructor.)

Instrument fee, $4 for the year.

3a, 4a. MECHANISM, AND ENGINEERING DRAWING. C

Motions and forms of various mechanisms occurring in machines; gear-teeth and the design of valve gears for steam engines. The drawing includes practical problems supplementing the mechanism, also machine drawing. (D. and S. 1-2.)

Instrument fee, $4 for the year.

5, 6. Surveying and Topography. B

Lectures, field work and drafting. Use, adjustment, and care of instruments; surveying methods; computations; plotting; topographical drawing; military map making and sketching. (D. and S. 1-2, and Trig.)

Instrument fee, $2 for the year.

7, 8. Advanced Surveying. C

Methods of topographic and geodetic surveying; mathematics of curves, with application to highways and railroads. (D. and S. 5-6.)

Instrument fee, $2 for the year.

Note. Students who expect to take a course in a school of technology after graduation should consult Professor Swett in regard to their election of subjects.

ECONOMICS

Professor Macdonald

1. Principles of Economics. A

An introductory course giving a systematic survey of the general field of economics. Basic concepts; characteristics of the present economic system; the production and consumption of wealth, exchange; value, and price; money and banking; international trade.

2. Principles of Economics. B

Continuation of Course 1 in the second semester. The distribution of wealth; rent, wages, interest, profits; socialism; selected economic problems; taxation and public expenditures.

5. Public Finance. C

Government receipts and expenditures; taxation; public debts; financial administration. (Econ. 1-2.)

Courses 5 and 7 are given in alternate years.

[7. Railroad Transportation. C]

The mechanism of the railroad; the present railroad system in the United States; railroad securities; rate-making; the freight, passenger, express, and mail service of the railroads; pooling and inter-railway agreements; railroads and the State; present problems. (Econ. 1-2.)
Courses 7 and 5 are given in alternate years.

11. Money and Banking. B

Functions of money; the monetary system of the United States; money and prices; functions of the bank; foreign exchange; foreign banking systems; the Federal Reserve System. (Econ. 1-2.)

12. Corporation Finance. C

The business corporation; promotion; sources of corporate funds; investment of capital funds; dividends, surplus and reserve accounts; financial abuses; receivership. (Econ. 1-2.)

14. Marketing. B

A survey of marketing methods and problems. Raw materials; various types of middlemen; defects in the marketing of raw materials; marketing of manufactured goods; the wholesale and retail trade; sales management; price policies, brands and trade marks; advertising. (Econ. 1-2.)
Courses 14 and 18 are given in alternate years.

[18. Accounting. B]

The fundamentals of accounting: interpretation of debit and credit; the operating statement; content of common accounts; the principles of bookkeeping method; corporation accounts; interpretation of financial statements. (Econ. 1-2.)
Courses 18 and 14 are given in alternate years.

21. Sociology. B

Basis of society; social evolution; social institutions; social control; modern social problems. (Econ. 1-2.)

22 Labor Problems. B

Labor organizations; protective legislation for employees; conciliation and arbitration; woman and child labor; the sweated industries; immigration; unemployment. (Econ. 1-2.)

Note. Students desiring to major in this department may arrange with the instructor for special work in connection with courses 11, 14, 18, and 22, which will enable any of them to be counted as C grade.

ENGLISH

Professor Cady
Professor Skillings
Professor Davison

1, 2. Fundamentals of Literature. A

An introductory course in the study of the fundamental ideas with which the great poets of English literature have been concerned, with attention to written and oral composition. Prerequisite to all other courses in the Department.
Professor Cady, Professor Skillings, Professor Davison.

5, 6. English Prose of the Nineteenth Century. C

A study of certain notable utterances of writers from Coleridge to Robert Louis Stevenson, to determine their chief characteristics as stylists and the nature of their contributions to nineteenth century thought. (English 1,2.)
Professor Skillings.

7, 8. American Literature. C

A study of the main currents of literary thought in America, with special emphasis on selected works of the major writers of the nineteenth century. (English 1,2.)
Professor Davison.

9, 10. Shakespeare. C

A study of all the plays of Shakespeare. (English 1,2.)
Professor Cady.

11. The English Language. C

A course intended to quicken interest in the mother tongue. Such topics are treated as the growth of the language, points of modern usage, word study, the language as reflecting the genius of the English-speaking peoples, and American English. (Any two courses above grade of A.)
Professor Skillings.

12. Chaucer and his Time. C

The main emphasis of study will be on Chaucer as the first great type in English poetry. (Any two courses above grade of A.)
Professor Skillings.

15, 16. Fundamentals of Composition. B

A course in writing based upon the critical examination of a group of models, and emphasizing the processes of composition. (English 1, 2.)
Professor Cady.

21, 22. Speaking. B

A study of the principles of effective speaking, with drill in the preparation and delivery of practical speeches. (English 1, 2.)
Professor Davison.

[23, 24. Debating. C]

A study of the principles of argumentation and the psychology of public speaking, with laboratory work in debating. To be offered in 1922. (English 21, 22.)
Professor Davison.

27, 28. Modern Drama. C

A study of the development of the drama in Europe and America since Ibsen. (Any four courses in English.)
Professor Cady.

29. The Appreciation of Poetry. C

The course aims to develop an intelligent enjoyment of poetry both by a study of the technical principles of poetry as an art and also by an examination of its imaginative and spiritual elements. (Any four courses in English.)
Professor Skillings.

30. Carlyle and Ruskin. C

A study in each instance of the man and his message. (Any four courses in English.)
Professor Skillings.

31. Recent American Literature. C

A study of representative contemporary American poetry. drama, prose, fiction and essays. (English 7, 8.)
Professor Davison.

FINE ARTS

Professor Sanford
Professor Burrage

1. Greek Art.

Instruction is given by lectures and stereopticon talks, supplemented by extensive reading on the student's part. Written tests come every two weeks. The art and civilization of Assyria, Egypt, and other nations whose work had a formative influence on the Greeks are treated extensively by way of introduction to Greek art proper.
Professor Burrage.

2. Roman, Medieval and Modern Art.

The buildings and statuary of Ancient Rome and its Colonies. Outlines of architecture, sculpture, and painting through the early Christian, Byzantine, Romanesque, and Renaissance Periods. Tendencies in architecture, sculpture, and painting at the present time. Instruction by lectures and stereopticon talks.
Professor Sanford.

FRENCH

Professor Robinson
Assistant Professor Forbush

1a, 2a. Beginners' French.
A careful drill in pronunciation, elementary syntax, reading, and conversation. This course will be conducted in French so far as is practicable. Six hours a week.
Professor Robinson.

3, 4. Intermediate French. A
Thorough review of grammar; conversation; dictation; retroversion; reading. (French 1a-2a, or two years of preparatory school French.)
Assistant Professor Forbush.

5, 6. Contemporary French. B
Modern prose, poetry, and the drama, supplemented by a study of some of the more representative French reviews and newspapers, with weekly exercises in writing French. (French 3-4, or three years of preparatory school French.)
Professor Robinson and Assistant Professor Forbush.

15, 16. History of French Literature. C
A general survey of the French Literature from its beginnings to the twentieth century. (French 3-4, or equivalent; ability to understand spoken French.)
Assistant Professor Forbush.

17, 18. The French Novel. C
A study of the development of the Novel in France from the seventeenth century to our era. (French 5-6, or equivalent: ability to understand spoken French.)
Professor Robinson.

While independently conducted, the Department of French and the French School maintain reciprocal re-

lations as to courses of study. That is, students in the Department of French whose qualifications permit may elect from the courses offered in the French School, while students of the French School may elect, with the permission of the instructor, courses of C grade offered by the Department of French.

The French School is primarily a training school for teachers of French, originating in the Summer Session, and first continued through the academic year of 1919-1920. Its headquarters is La Maison Française de Middlebury College, a former hotel situated on Park Street, a short distance from the College, which has been transformed into a characteristic French home for graduate and advanced students of the language who desire to pursue their study in residence. French alone is the language of the French School. College students desiring residence there are accommodated so far as the facilities permit.[1] (For rates, see page 82.)

THE FRENCH SCHOOL

Professor Williamson de Visme, Dean
Madame Williamson de Visme
Mademoiselle Germaine Le Cossec

FIRST SEMESTER

21g. History of France. C

French government and political institutions; social and religious conditions; industries. Special attention paid to the literature of the periods studied. Recommended for students who are preparing to teach French.
Mlle. Le Cossec.

[1] A Special Bulletin for the French School has been issued, and it will be mailed upon request addressed to the Dean of the French School.

23g. The Study of French Poetry. C

This course deals with the main aspects of poetry in France from the sixteenth century down to the present time. Special study of classic verse.
Professor Williamson de Visme.

25g. Advanced Grammar. C

A systematic review. Courses designed for those preparing to teach French.
Mlle. Le Cossec.

31g. Geography of France. C

This course is a basis for a better understanding of the history and literature of France. If possible it should be taken in connection with the course in French History.
Madame Williamson de Visme.

33g Composition. C

Advanced course. Practice in writing idiomatic French. A study of synonyms, style, and sustained writing.
Madame Williamson de Visme.

39g. Conversation and Composition. C

A teachers' course. A careful study of vocabulary building, oral narration, dictation. Object lesson work.
Professor Williamson de Visme.

41g. Phonetics. C

Comparative, analytical, and synthetical study of French sounds, with aural, oral and written drills. A course for teachers and those preparing to teach French. The French School will give no recommendation to those who have not taken and passed this course in Phonetics.
Professor Williamson de Visme.

SECOND SEMESTER

22g. HISTORY OF FRANCE. C
Continuation of course 21g.
Mlle. LE COSSEC.

28g. EXPLICATION DE TEXTES. C
A study of one or more representative French texts. This course is especially useful to those intending to teach the Direct Method.
Mlle. LE COSSEC.

34g. COMPOSITION. C
Continuation of course 33g.
Madame WILLIAMSON DE VISME.

36g. MOLIÈRE. C
A careful study of his comedies. Readings, lectures, and reports.
Professor WILLIAMSON DE VISME.

38g. LA FONTAINE ET SES FABLES. C
A study of the man and the writer. The Fables are also used as a means for the study of diction and interpretation.
Professor WILLIAMSON DE VISME.

40g. CONVERSATION AND COMPOSITION. C
Continuation of course 39g.
Professor WILLIAMSON DE VISME.

42g. PHONETICS C
Continuation of course 41g.
Professor WILLIAMSON DE VISME.

NOTE. Undergraduates may elect courses in the French School only after having obtained the written consent of the Dean. All courses in the French School are given in French.

GEOLOGY

Professor Swett

1. General Geology. B

(*a*) Dynamical: the forces that have shaped and are now shaping the earth's surface. (*b*) Structural: the structure of the earth's crust and the more important rocks and minerals. Field trips. (Chem. 1-2 or Biol. 1-2.)

2. General Geology. B

(*c*) Historical: the history of the evolution of the earth and of the organic kingdom. (*d*) Introduction to Economic Geology. Field trips. (Geol. 1.)

GERMAN

Miss Schüller

1, 2. Beginners' German.

Essentials of phonetics, drill in pronunciation and comprehending the spoken language; elements of grammar; reading of simple prose.

[1a, 2a. Beginners' German.]

Six hours a week. This course may be elected as two courses each semester and counts six points toward the A. B. or B. S. degree.

3, 4. Intermediate German. A

Grammar review; conversation, free reproduction and composition based on texts read; memorizing of idioms; sight reading. (German 1a-2a, or two years of preparatory school German.)

5, 6. Modern German Prose. B

Reading in prose of varied style and subject matter to aid students in acquiring a large working vocabulary; practice in the fundamentals of grammar; outside reading. (German 3-4, or three years of preparatory school German.)

7, 8. The Classic Period. B
(German 3-4, or three years of preparatory school German.)

[11, 12. Nineteenth Century Literature. C]
(German 8.)

19, 20. Scientific German. C
(Any B course in German.)

GREEK

Professor Burrage

13, 14. Beginners' Greek. A
A course for those who wish to begin Greek in college. The course should fit the student to take up the regular Freshman Greek the following year.

1. Colson's Greek Reader and the Gospel of Mark. B
(Greek 13-14, or its equivalent.)

2. The Gospel of Mark; Homer's Odyssey. B
In the *Odyssey*, the ethical import is kept carefully in view, and the conditions of the life described in the poem are illustrated by a consideration of archaeological discoveries. (Greek 1.)

(*Greek 13-14 or Greek 1-2, or Latin 1-2 is required of A. B. Freshmen.*)

3. Euripides' "Iphigenia Among the Taurians"; Lyric Poets. C
Lectures are given on the origin, history, and purpose of the drama. (Greek 1-2.)

4. Plato's Apology. C
(Greek 1.)

5. Sophocles and Aeschylus. C
The *Electra* of Sophocles; the *Prometheus* of Aeschylus. (Greek 3.)

6. Aristophanes. C
The *Clouds* and *Birds*. (Greek 3.)

[7. Plato's Republic. C]
(Greek 3-4.)

[8. Aristotle's Ethics. C]

Courses 7 and 8 alternate with 5 and 6. They afford students of philosophy and ethics a chance to read in the original tongue the two masterpieces of the two greatest minds of antiquity. The charm of the *Republic* as literature will receive special emphasis. (Greek 7.)

[10. The Greek Drama in Translation.]

This course requires no knowledge of Greek. It lays a foundation for the study of the modern drama. The plays read either have value of their own or have exercised an influence on later writers.

HISTORY

Professor Kline
Professor Harrington
Professor White
Mr. Howes

1,2. Medieval and Modern European History. A

A general survey of European History from the fourth century to the present, tracing briefly the great changes during the Middle Ages and considering more thoroughly those

movements in modern times which have produced the Europe of the present.
Mr. Howes.

3, 4. American History. B
A survey of the social, industrial, and political development of the United States. (Hist. 1-2.)
Professor Kline.

5, 6. English History. B
A survey of the social, industrial, and political development of England. (Hist. 1-2.)
Mr. Howes.

7, 8. Modern Europe. B
The rise of democracy and nationalism. Special attention is given to the industrial revolution and its results, imperialism, and diplomacy. (Hist. 1-2.)
Mr. Howes.

9, 10. The United States since the Civil War. C
A careful study of the later history of the United States. Special study is made of the Reconstruction period, the economic and industrial development including a study of contemporary problems and conditions. (Hist. 3-4.)
Professor Kline.

11, 12. Seminar. C
An intensive study of some limited phase of history for the purpose of affording training in methods of historical research, critical evaluation of sources, and scholarly presentation of the results of historical investigation. (Two C courses; permission of instructor.)
Professor Kline.

14. Ancient History. B
Development of ancient civilization, with special emphasis on Greece and Rome. Much attention is paid to the use of

sources, as being of extreme importance in supplying the proper view-point and stimulus, especially to those who are to teach ancient history in high schools. (Hist. 1-2.)
Professor WHITE.

15. OLD TESTAMENT PROPHETS. B

A study of the part which the prophets had in the national life of the Hebrew people and in the development of the Hebrew religion. (Hist. 1-2, or permission of instructor.)
A minor in History may be secured by passing History 15-16, Ancient History, and Roman Origins.
Professor HARRINGTON.

16. BEGINNINGS OF CHRISTIANITY. B

An inquiry into the origin of the Christian religion and its development up to the time of Constantine and the Council of Nicaea. (Hist. 1-2, or permission of instructor.)
Professor HARRINGTON.

18. THE TEACHING OF HISTORY. C

A course for students who intend to teach history in high school. (Two B courses.)
Professor KLINE.

19. THE DEVELOPMENT OF MODERN DEMOCRACY. C

A survey of the political development of modern nations, especially England and the United States, for the purpose of studying the gradual development of democratic institutions. (Two B courses in History or Political Science.)
Professor KLINE.

20. CONTEMPORARY WORLD POLITICS. C

A survey of the field of international relations with special reference to the problems arising out of the World War. (Two B courses)
Professor KLINE.

NOTE. Students desiring to major in this department may arrange with the instructor for special work in connection with courses 3, 4, 5, 6, 7, 8, and 14 which will enable any of them to be counted as of C grade.

HOME ECONOMICS

Assistant Professor Graham
Miss Roy

1, 2. Food: Its Selection and Preparation. A

Classification, composition, and function of foods; principles involved in application of heat to food constituents; various processes applied in the preparation of foods; simple meal preparation and serving. Recitations, lectures, and laboratory work.

Laboratory fee, $8.00 for each semester. Miss Roy.

3. Meal Planning and Serving. B

Preservation of foods by means of canning, pickling, preserving, drying and jelly-making; buying of foods; processes in the preparation of foods; planning, serving and computing costs of meals of various types. (H. E. 1-2, Chem. 1-2.)

Laboratory fee, $8.00. Miss Roy.

4. Nutrition and Food Economy. C

Nutritive value and place in the diet of foods. Detailed study of menu planning for different costs and to meet the needs of different types of families and persons. Preparation and serving of formal luncheons to outside guests. (H. E. 3.)

Laboratory fee, $8.00. Miss Roy.

5, 6. Sewing and Textiles. A

The fundamental stitches; use of commercial patterns; hand and machine sewing applied to simple garments. In the second and third terms the history and processes of textile manufactures are taken up, with a study of the quality and cost of materials.

Laboratory fee, $2.00. Assistant Professor Graham.

7. Household Administration. B

Woman's place in the home and the community; buying, arrangement, and storing of general household supplies; care

of the house; domestic service; labor saving devices; division of income and accounting. (H. E. 1.)
Miss Roy.

8. Dietetics. C

Principles of nutrition; chemistry and physiology of digestion; dietary standards; diets under different conditions; children's diets; school lunches; invalid cookery; detailed work in preparation and cost of balanced meals. (H. E. 3, Biol. 1 or 14, Chem. 21.)
Laboratory fee, $8.00. Miss Roy.

[9. Methods. C]

Methods of teaching Home Economics; planning courses of study; making lesson plans; studies in equipment. This course may be counted toward a major in Pedagogy. (Permission of instructor.)
Assistant Professor Graham.

10. Millinery. B

Construction and covering of hat frames; the preparation of trimming; the use and renovating of old materials; study of color, shape, and trimmings; practice in making children's hats; spring and fall hats. (H. E. 5.)
Laboratory fee, $2.00. Assistant Professor Graham.

11. Advanced Sewing. B

Practice in drafting, fitting, and designing of patterns; design in relation to costume; practice in making tailored waists, separate skirts, and dresses. (H. E. 5-6.)
Laboratory fee, $2.00. Assistant Professor Graham.

12. House Planning and Decoration. C

Development of the house; study of house plans; house construction and sanitation; problems of rural houses considered; design as applied to houses; the choosing of appropriate and harmonious furniture; woods and their finishes; period furniture and Oriental rugs. (H. E. 7.)
Assistant Professor Graham.

LATIN

Professor SANFORD
Professor WHITE

1. LIVY. A

The second Carthaginian war. Translation, direct use of Latin, prose exercises, study of vocabulary, practice in verb forms, and development and use of cases.
Professor WHITE.

(*Latin 1-2 or Greek 1-2 or Greek 13-14 is required of A. B. Freshmen.*)

2. CICERO. A

Selections from the *Letters* and *De Amicitia*. The story of the struggle between Republic and Empire, with the fortunes of Caesar and Cicero as written in the *Letters*. Part of the recitation will be conducted in Latin. (Latin 1.)
Professor WHITE.

3. PLINY THE YOUNGER. B

Selections from the *Letters* are made, presenting a large number of references to life and customs, and intended to bring the student into close touch with the daily life of the Romans. Either this course or Latin 5 is requisite to all of the translation courses following. (Latin 1-2.)
Professor WHITE.

4. HORACE. B

Selected *Odes* and *Epodes*. Comparison of the odes with the lyrics in Latin, English and other languages. The debt of English poetry to Horace. Very careful preparation of notebooks is required. (Latin 3 or 5.)
Professor SANFORD.

5. TACITUS. B

The *Germania* and *Agricola*. Comparison of Tacitus with other writers of his time. A study of the Roman colonial

system. The history of the later Empire; the influence of Rome on the northern tribes. Library reading. (Latin 1-2.)
Professor WHITE.

6. SELECTIONS IN PROSE AND VERSE FOR ADVANCED STUDENTS. C
Various text books.
Professor SANFORD.

7. ROMAN COMEDY. C
The translation of the *Captivi* and *Trinummus* of Plautus, with rapid readings from the *Andria* of Terence and other comedies. (Latin 3, 4, or 5.)
Professor SANFORD.

8. AN HISTORICAL STUDY IN TACITUS. C
Professor WHITE.

11. ADVANCED LATIN PROSE FOR TEACHERS. C
A prominent feature of the course will be the actual use of Latin in conducting many of the class-room exercises. Based on Caesar's Gallic War. (One C Course.)
Professor WHITE.

12. THE TEACHING OF PREPARATORY LATIN. C
A study of methods and authors used, and teaching problems; the necessity of making Latin a live language; quality *versus* quantity; literary appreciation. This course may be counted toward a major in Pedagogy. (One C course.)
Professor SANFORD.

13. ROMAN ORIGINS. C
An outline story of our debt to the Roman nation. A summary of the reasons for the present place of Roman life and Latin in cultural and practical education. No knowledge of the language is required. This course, in combination with

History 14 and History 15-16, may be counted toward a minor in History.
Professor SANFORD.

[14. OUTLINES OF LATIN LITERATURE. C]
Professor SANFORD.

MATHEMATICS

Professor PERKINS*
Assistant Professor BONNEY
Mr. COOLEY

1. PLANE AND SPHERICAL TRIGONOMETRY. A
This course (or 1b) is required of B. S. Freshmen.
Assistant Professor BONNEY.

2. ALGEBRA. A
This course (or 2b) is required of B. S. Freshmen.
Assistant Professor BONNEY.

1b, 2b. ELEMENTARY MATHEMATICAL ANALYSIS. A
For students entering with thorough preparation in mathematics; permission of the instructor must be secured. A full year's credit in this course will be counted toward the B. S. requirement in place of 1-2 above.
Mr. COOLEY.

3. PLANE ANALYTIC GEOMETRY. B
(Math. 1-2.)
Assistant Professor BONNEY.

4. INTRODUCTION TO CALCULUS. B
The two fundamental operations of calculus, together with those applications most commonly encountered in applied mechanics, and the theory of electricity and magnetism. (Math. 1, 2, and 3.)
Assistant Professor BONNEY.

*On leave.

3b, 4b. Applied Mathematical Analysis. B
(Math. 1b-2b.) Mr. Cooley.

5, 6. Differential and Integral Calculus. C
A detailed course, taking up the more extended and difficult applications. (Math. 1, 2, 3, 4.)
Mr. Cooley.

5b, 6b. Applied Mathematical Analysis. C
A continuation of 3b and 4b.
Mr. Cooley.

MUSIC

Professor Hathaway
Mr. Larsen
Miss Stoolfire
Miss Hayden

1, 2. Elementary Harmony. B
The first steps in the study of musical composition and of the analysis of musical works. The course embraces scales and signatures, triads and their progressions, modulation and suspensions, also the invention and harmonization of melodies and choral writing in four parts.
Professor Hathaway.

3, 4. Advanced Harmony and Counterpoint. C
(Music 1-2.)
Professor Hathaway.

5, 6. Musical Appreciation. A
This course is designed to develop, without going too deeply into technicalities, the ability to listen to good music. It aims to present, in untechnical language, an account of the evolution of musical art by analysis of the principal musical forms. Lectures on the development of instrumental music

and the opera; selections explained and illustrated at the piano and by victrola records; study of the lives of the great composers. No previous technical or theoretical knowledge is required for this course.
Professor HATHAWAY.

7, 8. MUSICAL MASTERPIECES. C
Harmonic and thematic analysis of some of the work of the world's greatest composers. (Music 1-2, 3-4, 5-6.)
Professor HATHAWAY.

PRACTICAL COURSES

9, 10. Individual instruction in the study of the pianoforte.
Professor HATHAWAY, Miss STOOLFIRE.

11, 12. Individual instruction in the study of the organ.
Professor HATHAWAY.

In the above courses, students may register for one or two lessons each week, but six hours practice are required weekly.

13, 14. Study of the Violin and Violoncello.
Mr. LARSEN.

15, 16. SINGING.
Private lessons in voice placing, interpretation and repertoire.
Miss HAYDEN.

17, 18. ORCHESTRAL PLAYING AND CLASSICAL MUSIC.
Study of orchestral technique and drill in ensemble playing. Weekly rehearsals. One college credit. (Permission of instructor.)
Mr. LARSEN.

The courses in the theory of music (1-8) will receive credit toward a degree and are subject to no additional fee. Practical work in music, taken in connection with the theoretical courses of the department, may be given two hours credit in each year.

The College Choir: The college choir holds two rehearsals weekly and sings at the chapel service each week-day and at the Sunday vesper service. Opportunity is given to study the works of the best composers of sacred music.
Professor HATHAWAY.

Orchestra: Drill in ensemble playing. Open to students of any class without fees. Rehearsals are held once a week. Regularity of attendance is required.
Mr. LARSEN.

The Women's Chorus: Ensemble singing embracing standard classical and modern compositions. This course will be of value to those who desire to assist in music in the public schools, as well as affording valuable singing practice.
MISS HAYDEN.

Charges for Practical Courses in Music

Piano instruction—per semester	
1 lesson weekly	$32.00
2 lessons weekly	64.00
Daily practice period	8.00
Organ instruction—per semester	32.00
Daily practice period	12.00
Violin instruction—per semester	32.00
Vocal instruction—per semester	32.00

PEDAGOGY

Professor HOWARD
Professor KINGSLEY

1. INTRODUCTION TO PSYCHOLOGY. A

An elementary course, the basis of the courses in educational theory and practice that follow. It should be elected by all students intending to teach and as early in their program as is consistent with their other requirements. Pedagogy 1 is introductory to Pedagogy 2, Pedagogy 4, and Philosophy 2.
Professor HOWARD.

2. Principles of Education. A

A continuation of Pedagogy 1, with special reference to the meaning, bases, aims, methods, and values of education, and the functions of organized schools. (Ped. 1.)
Professor Howard.

4. Psychology of the Higher Processes. B

A continuation of Pedagogy 1, with particular reference to the more complex aspects of consciousness and the higher thought processes. (Ped. 1.)
Professor Howard.

5, 6. Principles and Practice of Teaching. Seminar. C

Study of types of teaching, types and functions of recitation, supervised study, collection and use of materials, use of teaching devices, general and special method, technique of instruction, text-book criticism, assignments and presentation of lessons and use of educational literature. Educational seminar in the second semester. (Two B courses in Pedagogy.)
Professor Kingsley.

7, 8. Problems of Secondary Education. The Junior High School. C

The organization and administration of secondary schools. Types of current schools, with their aims, curricula, and management: problems of motivation, discipline, examination, grading, promotion, social hygiene, and utilization of school plant and community life. Special consideration will be given in the second semester to the Junior High School. (Any B course in Pedagogy.)
Professor Kingsley.

9, 10. Educational History and Theory. B

The development of the more permanent contributions to educational thought and practice, both in Europe and Amer-

ica, with special reference to the problems of modern democratic society. (Ped. 1-2.)
Professor KINGSLEY.

11, 12. EDUCATIONAL PSYCHOLOGY. C
A study of the forms of learning involved in the fundamental school subjects, with special problems involving laboratory practice. (Ped. 2 or 4.)
Professor HOWARD.

PHILOSOPHY

Professor HARRINGTON

1. INTRODUCTION TO PHILOSOPHY. A
A natural approach to the problems of Philosophy through a discussion of the common facts of human experience and an analysis of the college curriculum.

2. LOGIC. A
A study of the principles of sound reasoning, with concrete illustrations at every point and practice in the classroom.

5. ETHICS. B
An inquiry as to moral values, especially in their relation to self-realization; much reference to the practical activities and problems of everyday life. (Phil. 1 and 2, or Ped. 1 and Phil. 2.)

6. SOCIAL PHILOSOPHY. B
A study of the foundations on which social relations rest, the modes of association, and the principles of social ethics, with an examination of various ideal schemes of human society from Plato's Republic to the present time. (Phil. 1 and 2, or Ped. 1 and Phil. 2, or Econ. 7.)

7. HISTORY OF PHILOSOPHY. C
A survey of the work of the great thinkers and a tracing of the main currents of philosophic thought. (Phil. 5 or 6).

12. Ethical Development of Mankind. C

The course aims at securing some adequate conception of the moral life of the race, particularly as shown in its religious history. (Phil. 5 or 6 or 7.)

Note. Special permission may be given, in individual cases, to students to take Phil. 7 or Phil. 12, even if they have not had the prerequisites specified above, provided they have taken in other departments courses of equal grade and of such a nature as to have furnished the necessary preparation.

PHYSICAL EDUCATION

Professor Brown

1w, 2w. Physical Education.

A foundation course which includes health talks and required readings; formal floor work with special emphasis on posture; a variety of outdoor games and sports. A physical examination is required and corrective work given if needed.

Required of all Freshmen.

3w, 4w. Playground Course. A

Designed for those who may wish to do playground work. Study of child nature, functions of play, the playground movement, practical conduct of playgrounds, organization and administration of playgrounds. Laboratory work includes the teaching of story gymnastics, games and folk dances, and the theory of coaching track and competitive sports. Practice teaching in grammar school classes.

Assistants.

5w, 6w. Methods of Teaching Physical Education. B

The purposes, aims, and scope of physical education; selection, classification, and progression of gymnastic exercises, including Swedish and German Systems; the methods and values of physical examinations; corrective gymnastic exer-

cises for special defects; practice teaching in grammar and high school. This course may count toward a major in Pedagogy. (Permission of instructor.)
Assistants.

PHYSICS

Professor Bryant

1, 2. General Physics. A
An introduction to the fundamental principles of general physics. The first semester's work is prerequisite to the second.

3. Heat. B
The experimental methods that have been used in measuring the various quantities which are connected with this portion of the science are considered in detail. The kinetic theory of matter and thermo-dynamics are among the additional topics studied. (Phys. 1-2.)

4. Electricity and Magnetism. B
An advanced course covering more thoroughly many of the topics studied in the corresponding work in general physics, together with some additional topics, such as the discharge of electricity through gases, electrons, radio-activity, and wireless telegraphy. (Phys. 1-2.)

[5. Light. B]
An advanced course for students who wish more knowledge of the subject than can be obtained from general physics. The laws of reflection and of refraction, with their application to optical instruments; the wave theory of light; the spectrum and its teachings; the phenomena of radiation, absorption, dispersion, interference, and diffraction are some of the topics considered. (Phys. 1-2, Trig.)

7. Physical Measurements. C

Elementary theory and practice of physical manipulation. Laboratory work in the measurements of length, mass, time, velocity, linear and angular acceleration; the verification of the laws of equilibrium of forces; the determination of coefficients of elasticity; the density of solids, liquids and gases; experiments in sound. (Phys. 1-2.)

Laboratory fee, $5.

8. Physical Measurements. C

Measurements of thermal expansion, specific heat, latent heats of fusion and of evaporization. In electricity, fields of force, electric resistance, electro-motive forces, and strengths of current are measured. The laws of reflection and refraction of light waves and the formation of images by mirrors and lenses are studied, and indices of refraction and lengths of light waves are measured. (Phys. 7.)

Laboratory fee, $5.

9. Astronomy. C

The celestial sphere; astronomical instruments; determination of latitude, longitude, and time; the earth as an astronomical body; the moon's motions and physical characteristics; the sun's physical characteristics; revelations of the spectroscope; eclipses; planets; comets; stars and nebulae. (Phys. 1-2.)

10. Analytic Mechanics. C

A discussion of the statics and dynamics of a particle and of a rigid body. Composition and resolution of forces, vectors, center of gravity, work, energy, impulse, moment of inertia, static and kinetic friction. This course may be counted toward a major in Mathematics. (Phys. 1-2, Math. 4.)

POLITICAL SCIENCE

Professor Abbott*
Professor Kline
Mr. Bigelow

1, 2. American Government. A

An introductory study of the origin and development of states and governments followed by a survey of the whole field of American government, national, state, and local. A good knowledge of American History is desirable.
Mr. Bigelow.

[3. English Government. B]

The English government, with sketches of its historical development. A general knowledge of English history, such as may be gained in History 1 and 2, is essential. (Hist. 1-2, or Pol. Sci. 1 or 2.)

[4. European Governments. B]

The national and to a small extent the local governments of France, Germany, Switzerland and other states are studied in this course, with constant comparisons between these and the English and United States systems. (Hist. 1-2, or Pol. Sci. 1, 2, or 3.)

5. Constitutional Law. C

A study of the Constitution of the United States and its interpretation by the Supreme Court. Of special value for students of United States history and government, and very useful to prospective law students. (Hist. 3 or 4, or Pol. Sci. 1, 2, or 3.)
Professor Kline.

[6. City Government in the United States. B]

The various forms, functions, and powers of city governments in the United States. (Pol. Sci. 1 or 2.)

*On leave.

[7, 14. Business Law. B]
The rules of law most commonly involved in ordinary commercial transactions, especially contracts, sales, agency, bailments, and negotiable instruments. An elementary and practical course designed primarily for students who intend to engage in business or in professions other than the law.

8. International Law. C
The nature, sources, and development of the rules governing the relations of civilized states in peace and in war, with special attention to recent modifications of the same and to questions raised by the European war.
Professor Kline.

[10. Jurisprudence. C]
An analysis of the underlying principles of law, the relation of law to rights, and a consideration of the fields covered by private, public, and international law. The subject is important for students who intend to study law or carry on advanced work in government or history. (Pol. Sci. 5, 7, or 8.)

SPANISH

Professor Moreno-Lacalle
Miss Rodríguez
Miss de Oñate
Miss Ladd

1a, 2a. Elementary Spanish.
Pronunciation on a phonetic basis; reading of simple Spanish; abundant oral practice based on the reading text; grammar taught inductively; careful vocabulary building; reading of simple selections. Spanish is used as the principal means of communication in the classroom. This course is designed to equip the student with a solid foundation for the more advanced study of spoken and literary Spanish. Six hours a week.
Miss Rodríguez, Miss de Oñate, and Miss Ladd.

3, 4. Second Year Spanish. A

A continuation of oral practice with a review and more extended treatment of grammar; composition, mainly free; letter writing; translation. The subject matter of the texts consists of *realia* of the Spanish-speaking countries, and selections of the best Spanish authors. Outside reading of Spanish newspapers and magazines. Conducted in Spanish. (Spanish 1a-2a or two years of preparatory school Spanish.)
Professor Moreno-Lacalle, Miss Rodríguez, and Miss de Oñate.

5. Hispanic Realia. C

This course is intended to equip the student with a basic knowledge of the geography, history, customs, institutions, industries, and commerce of the Spanish countries, as an essential preparation for the following course in business Spanish correspondence. Oral discussion and composition in the form of letters. Conducted in Spanish. (Spanish 3-4.)
Professor Moreno-Lacalle.

6. Business Spanish Correspondence. C

Principles of effective letter writing in idiomatic Spanish, also the standards for couching properly a business letter. Practice in Spanish letter writing; general principles of business correspondence; specific types of letters; filing; telegrams, and general principles of Spanish commercial laws. Conducted in Spanish. (Spanish 5.)
Professor Moreno-Lacalle.

7. The Spanish Novel. C

A survey of the principal Spanish fiction writers of today, with a special study of their representative works. Oral discussions and written composition. Conducted in Spanish. (Spanish 3-4.)
Miss Rodríguez.

8. The Spanish Drama. C

A survey of the principal Spanish playwrights of today, with a special study of their representative works. Oral dis-

cussions, and written composition. Conducted in Spanish. (Spanish 7.)
Miss Rodríguez.

9. Methods of Teaching Spanish. C
Historical review of methods; general and special principles of method; standard methods; the reform movement; the teaching of pronunciation; the teaching of grammar; vocabulary building; planning of courses; lesson plans; selection of text books; pedagogical principles applied to the teaching of Spanish. Conducted in Spanish. (Permission of instructor.)
Professor Moreno-Lacalle.

10. The Technique of Teaching Spanish Grammar. C
Devices for teaching Spanish grammar; the various types of lessons; questioning; treatment of reading texts; direct-thinking exercises. Conducted in Spanish. (Spanish 9.)
Professor Moreno-Lacalle.

11, 12. Don Quijote de la Mancha. C
An appreciative and critical study of Cervantes' masterpiece, with abundant oral practice and exercises in essay writing. Conducted in Spanish. (Permission of instructor.)
Miss de Oñate.

THE COLLEGE BUILDINGS

OFFICES

THE office of the President is located on the third floor of the Old Chapel. The President may be seen from 10:30 to 12 A.M. every day except Sunday, and consultation by students on any subject is cordially invited.

The office of the Provost and Director of the Summer Session is Room 14 in the Old Chapel.

The offices of the Deans are in the north division of Painter Hall.

The office of the Registrar is in Painter Hall, middle division.

The Treasurer of the College has his office in the Battell Block. At the opening of the college year, and again at the beginning of the second semester, the Treasurer establishes a temporary office in one of the College buildings, for the convenience of students in the payment of bills.

The office of the Editor of College Publications is in Painter Hall, middle division.

PAINTER HALL

PAINTER HALL, completed in 1815, is the oldest college building in Vermont, and one of the best examples of colonial architecture in New England. It was first known as West College, but since 1846 has borne the name of Gamaliel Painter, one of the founders of the College and a generous benefactor.

Several of the college offices are now located in this building and the remainder is still devoted to rooms for men.

STARR HALL

Starr Hall was built in 1861 and was rebuilt, after a disastrous fire, in 1865. The funds for its erection were contributed by Charles and Egbert Starr. It is constructed of gray limestone.

OLD CHAPEL

The Old Chapel is the central structure in the old stone row, built of the same material as Starr and Painter Halls. It is used as a recitation and administration building, with the College Bookstore and Pedagogical Library on the ground floor.

THE EGBERT STARR LIBRARY

This beautiful marble building was erected with funds bequeathed by Mr. Egbert Starr, and dedicated in 1900. The cost of the building was $50,000, to which was added $5,000 for its decoration and $5,000 for the purchase of books, by the son of the donor, Dr. M. Allen Starr. The Library contains about 50,000 volumes. Students are granted free access to the shelves. The building is open day and evening, and Sunday afternoon. The reference rooms contain reviews and magazines, and reading rooms with daily and weekly papers are maintained in Hepburn and Pearson Halls. Reference libraries are also provided in the Departments of Pedagogy, Chemistry, Physics, Biology, Drawing, and Greek.

The College is desirous of possessing a complete collection of the publications of Middlebury graduates, and alumni who are authors of either books or pamphlets are requested to co-operate by presenting the Library with copies of their works.

THE WARNER SCIENCE HALL

The Departments of Physics, Biology, Geology, Drawing and Surveying, and Home Economics are quartered in Warner Science Hall, which was built in 1901 through benefactions of Ezra J. Warner of the Class of 1861. The building is a memorial of his father, Hon. Joseph Warner, formerly a resident of Middlebury and a Trustee of the College. By the will of Mr. Warner the College has received a bequest of $25,000 for the care and maintenance of the Hall, and for the purchase of supplies for the departments which it accommodates.

THE HALL OF CHEMISTRY

In September, 1913, the Department of Chemistry was established in the new marble building erected with a portion of the General Education Board fund of $200,000.

In the basement are the combustion and assay rooms, the organic laboratory, the laboratory for water and milk analysis, the fan room for the extensive flue and ventilation system, a balance room, two dark rooms for photography, and four store rooms.

The second floor provides two large laboratories for qualitative and quantitative work, a private laboratory for research work, a large library and conference room a hydro-sulphide room connecting with the qualitative

laboratory, two balance rooms, and a store room.

On the upper floor are the general chemical laboratory, a large lecture room and a lecture table with hoods, a store room, a balance room, and the private laboratory and office of the head of the department.

The building is equipped with water, air, and gas pipes, and with electricity for light and power. The interior finish is white unglazed brick. The building is located on the college quadrangle, facing the McCullough Gymnasium.

THE MUSEUM OF NATURAL HISTORY

Among the professors of the College for many years have been men of marked ability in natural science, who have shared with the institution the fruits of their researches. One of the earliest geological surveys of Vermont was conducted by Professor Charles B. Adams, who then occupied the chair of Natural History. He laid the foundation for the large collection of fossils representing the different geological formations. The work of Professor Henry M. Seely, long connected with the College, is in evidence in the large collection of fossils of the Champlain Valley.

In Botany, the complete series of the flowering plants and ferns of the Champlain region, which was collected by President Brainerd, is especially notable. Valuable additions have been made in the higher fungi and other cryptogamous plants gathered by Dr. Edward A. Burt.

The Zoölogical Museum has received accessions from the Smithsonian Institution and from Hon. A. Barton Hepburn of the Class of 1871.

THE McCULLOUGH GYMNASIUM

THE gymnasium erected in 1910 is named from the Hon. John G. McCullough of Bennington. The structure is marble, and the style colonial, like the other buildings of the College. The main floor contains a large exercising room and basket-ball court, with a room for smaller gymnastic classes, which also serves as a stage for dramatic representation. The first floor contains a locker room, abundant shower baths, director's office and examination room, faculty locker room, two handball courts, boxing and fencing room, and quarters for visiting athletic teams. A convenient serving room renders the building available for college banquets.

THE MEAD MEMORIAL CHAPEL

ON May 15, 1914, ex-Governor John A. Mead, of the Class of 1864, signified his desire to erect a chapel for the College. His letter of gift said: "I have in mind a dignified and substantial structure in harmony with the other buildings of the College, and expressive of the simplicity and strength of character for which the inhabitants of this valley and the State of Vermont have always been distinguished."

In accordance with this gift the Mead Memorial Chapel was erected in 1915-16. It is a beautiful white marble structure, colonial in design, of the New England meeting-house type, with a rich and impressive interior. The chancel has accommodations for the Faculty and a student choir. The chapel contains a large pipe organ. In the tower is a chime of eleven bells, the gift of ex-Governor and Mrs. Mead.

THE PORTER HOSPITAL

A GIFT of $50,000 from Mr. William H. Porter for a hospital and infirmary has been announced. Plans are already under way. The building will be fireproof and well equipped and appointed in every respect.

PEARSONS HALL

PEARSONS HALL, a building for women, was opened at the beginning of the college year in 1911. It is located on a commanding height from which views of the Adirondacks and Green Mountains are obtained. The building is of marble, of colonial design, and contains a large social hall, besides single and double living rooms.

BATTELL COTTAGE

BATTELL COTTAGE, another residence hall for the women, was enlarged in 1910, the addition furnishing the dining hall for the women's residences.

HILLSIDE COTTAGE

HILLSIDE COTTAGE, constructed in the summer of 1913, is located on the campus of the Women's College, not far from Pearsons Hall and Battell Cottage. During the current year is is being used as a home for those making a special study of Spanish.

HILLCREST

HILLCREST, a recently acquired residence for women across the street from Battell Cottage, was enlarged in 1919 to accommodate about thirty.

The price of board and room in each building has been $300 for the current year, payable semi-annually in advance to the Treasurer of the College. Applications for rooms may be made to the Dean of Women, Middlebury College.

ASSIGNMENT OF ROOMS

Women are assigned rooms in Pearsons Hall, Battell Cottage, Hillside Cottage, or Hillcrest, if space is available.

All the rooms in the women's dormitories are furnished with single bed, mattress, study table, chiffonier or dresser and chairs for each student. Rugs, necessary bedding and towels are also furnished. All dormitories are heated by steam and lighted by electricity.

In assigning rooms, preference is given to students in College in the order of classes. An assignment of rooms to students in College is made about May first. Incoming students cannot be assigned to particular rooms before August 15. No room can be assigned for a shorter period than one year. All rooms are assigned subject to the regulations of the College as to student residences, and occupants are liable for any damage to their room or its furniture.

Application for a room in a College house together with $5.00 advance payment for room rent should be made to the Dean of Women. No reservations are made without this deposit. This sum will be refunded if the room is not desired, provided notice of withdrawal is given before August 1st.

Room and board in a private house, approved by the College, may be secured by a limited number of students who cannot be accomodated in the college dormitories. Any student who desires to lodge in a private house should consult the Dean of Women before engaging her room.

EXPENSES AND SELF-HELP

EXPENSES

THE location of the College favors economy, its charges are small in comparison with the general cost of living, and the expenses of students should not be large. The following table indicates the principal items:

Tuition	$150.00
Board and room in Pearsons, Battell, Hillside, and Hillcrest	300.00
Gymnasium and Athletic Fee	10.00
Graduation Fee (Seniors only)	11.00
French School (tuition, board, and room)	500.00

In most of the courses in Biology, Chemistry, Drawing and Surveying, Home Economics and Physics, a laboratory fee is charged, as specified in the descriptions of the courses.

The payment of bills, including room rent, is required at the opening of each semester, before the student enters upon college work. This rule includes the charge for board. On registration, a certificate of payment from the Treasurer's office is required.

About $600 a year should suffice for all expenditures, and by strict economy many students maintain themselves on less.

SELF-HELP

FOR many years Middlebury has been known as a college at which exceptional opportunities are afforded to

students who must depend largely upon their own resources in securing an education. Employment by which the student may earn a part of her expenses can frequently be obtained about the College or in the village, although no definite statement can be made before the student has arrived and her capacity and fitness are determined. While the College can promise nothing to untried candidates, it will help in every way possible all who prove themselves capable and willing. Occupations in which students find employment are waiting on table, washing dishes, and house-duty in the dormitories; waiting on table and light housework in the homes of the village; caring for children in the afternoon or evening; typewriting or clerical work in the College offices; tutoring; acting as monitors; singing in the choir, etc. Applications for work should be made at the office of the Dean of Women.

SCHOLARSHIPS

The College has a generous number of student benefits, many of them given in early years at great self-sacrifice on the part of the donors. The income of these funds is expended exclusively in payment of the tuition, in part, of needy and deserving students of good deportment and application. When the number of students was much smaller, these funds allowed a somewhat more liberal bestowment of beneficiary aid than is now possible. *It is not expected that those whose circumstances admit the full payment of college bills will apply for college assistance.* It is earnestly desired, however, that, where need requires, those who might not otherwise be

able to receive a college education will apply for aid from this source. The College has a long record of special encouragement to those who are obliged to secure an education largely through their own efforts. Correspondence concerning scholarships should be directed to the Dean of Women, who will furnish blanks for applications.

Any scholarship may be forfeited at any time during the course through negligence or misconduct. When a student incurs more than one condition in any semester, or when her passing grade has been raised twice in any course, or once in any two courses, in any semester, because of unexcused delinquencies, the scholarship allowance for that semester is thereby forfeited.

Among the benefits dispensed by the College for women students are the following:

The Emma Willard Scholarship, $2,000, established in 1895 by the Emma Willard Association, for the benefit of deserving young women.

The Joseph Battell Scholarships, $1,000 annually, for young women of Addison County.

STATE SCHOLARSHIPS

The College receives from the State of Vermont an annual appropriation of $7,200 for the payment to the amount of $120 annually of the tuition and incidental college charges of sixty students, one of whom shall be designated and appointed each year by each Senator in the General Assembly, such appointment to be made for two years by such Senator from his respective county,

provided any suitable candidate should apply therefor, otherwise from any county in the state.

Any Vermont student desiring to take advantage of a State scholarship should apply to one of the Senators of the county in which she resides, and the Senator may thereupon give her a certificate of appointment for a period of two years. Should the Senators in the applicant's county already have made appointments, the student should immediately apply to the President of the College, as there may be a vacancy from some other county of which the applicant may avail herself. Under the present statutes, each Senator may make one appointment each year, and each scholarship is good for two years.

The same regulations as to forfeiture through misconduct and incurring conditions apply to State scholarships as to student benefits owned by the College.

ADMINISTRATION

COLLEGE REGULATIONS

THE College places in the hands of each student a pamphlet of regulations containing detailed information as to enrollment, attendance, scholarship, examinations, conditions, and student activities.

ENROLLMENT

THE College year begins on the Monday indicated in the calendar, the first three days, Monday, Tuesday, and Wednesday being given to registration and to entrance and condition examinations. Every student is required to enroll at the Registrar's office on one of these days, and on the Thursday, Friday, or Saturday preceding the beginning of the second semester. A charge of $5.00 will be made for each enrollment after the days assigned.

SCHOLARSHIP

THE scholarship of the students is graded on the scale of 100 per cent, as follows:

A, 90-100 per cent; B, 80-89 per cent; C, 70-79 per cent; D, 60-69 per cent; E, below 60 per cent.

Reports of standing are made twice each semester. At the end of the semester notices of failures are sent to both students and parents.

Beginning with the Class of 1921, a student may not count toward graduation more than one course below C grade in any semester.

A student with 24 points to her credit at the beginning of the college year, not including credits received in Physical Education previous to 1919-20, will be ranked as a Sophomore for that year; one with 54 points, a Junior; one with 84 points, a Senior. At the beginning of the second semester a student who is ranked as a Freshman, but who has 39 points, not including Physical Education credits received previous to 1919-20, will be advanced to Sophomore rank; one ranked as a Sophomore, with 69 points, to Junior rank; one as a Junior, with 99 points, to Senior rank.

Not more than six credits can be attained by an undergraduate at a Summer Session.

EXAMINATIONS

The work of all courses is completed each semester by written examinations. A student inexcusably absent from an examination will be conditioned. A student unavoidably absent from college at the time set by the Registrar for taking the examination will be given an opportunity immediately upon her return to college or before the beginning of the corresponding semester of the following year. If she fails to meet this requirement, she must repeat the course with the following class if the subject is a required one.

A student whose term mark in any course falls below 50 per cent is excluded from the examination and must, if the subject is a required one, repeat it with the following class.

A student will be conditioned whose combined recitation and examination mark at the close of a semester is below 60 per cent, or below her passing grade if that has been raised. No student will be allowed to pass whose examination mark is below 50 per cent.

CONDITIONS IN COLLEGE WORK

A STUDENT who fails to pass an examination at the close of the first semester, and is thereby conditioned, is given an opportunity to take another examination either on the first day after the Easter recess, or on such one of the first three days of the next college year as shall be determined by the Registrar.

A student who is conditioned at the close of the second semester may take an examination on such one of the first three days of the next college year as shall be determined by the Registrar, or on the first day after the Christmas recess. In order to take such examination, a request must be made to the Registrar one week in advance.

No exception will be made save in the following cases:

1. A Senior may take an examination for each deficiency, or condition, incurred during the Senior year, on the Friday preceding Commencement.
2. If the course in which a student has been conditioned is given in the Summer Session, she may remove the condition by taking that course and passing at its close an examination which will be based upon the regular college course and, if possible, be set by the instructor who imposed the condition.

To remove a condition the average of the term mark and the new examination mark combined in the ratio of three to one must reach 60 per cent.

Any student failing to make up a condition as provided for above must repeat the course with the following class if the subject is a required one, even though, from conflict of hours, or any other cause, it necessitates for her the temporary omission of some of the regular work of her class.

SPECIAL HONORS

As an incentive to such students as have the ability to do more than should be required of the majority, and to promote and encourage special investigation in the various departments of the curriculum, the Faculty have established a system of honors. These are divided into two classes, Honors and High Honors, and are subject to the following regulations:

1. The candidate must have completed major work in the department in which Honors are sought.

2. Enough more than fifteen hours a week must have been carried in the undergraduate courses to insure to the candidate at graduation a surplus of at least six credits above the credits required for the Bachelor's degree.

3. The requirement of the six extra credits may be met by the fulfillment of work in research or special investigation assigned by the department in which Honors are sought; or by the completion of two C courses in that department, provided that they are of that grade which would be counted for the Master's degree.

4. The attainment of 80 per cent for Honors, or 90 per cent for High Honors, is requisite as an average rank in the courses which have been taken in completing the major work of the department, and also in the special work performed in the attainment of the six extra credits.

5. On the completion of the six extra credits, whether attained in independent investigation or in class-room work, an examination shall be given covering as much of the work of the department which the candidate has taken as shall be deemed necessary, and, at the discretion of the instructor, a thesis may be assigned.

6. If the additional six credits for an Honor be pursued in class-room courses, these courses must be taken in accordance with the rules regarding extra hours.

7. Credits for Honors may be counted later toward the Master's degree.

These honors will be printed on the Commencement programme and in the next annual Catalogue, and will be certified to, when requested, by a written certificate from the President and the professor of the department, stating the nature and quality of the extra work done.

The degrees of A.B. and B.S. are conferred *cum laude* upon those who have attained an average rank, for the entire course, of 85 to 90 per cent; *magna cum laude* if that rank is 90 to 95 per cent; *summa cum laude* if it is 95 per cent or above.

HONORARY APPOINTMENTS

The Faculty, under the direction of the Corporation, give the honorary Commencement appointments in college; to the man attaining highest rank, the appointment of Valedictorian, and to the second in rank, the appointment of Salutatorian.

PHI BETA KAPPA

The Middlebury Chapter of the Phi Beta Kappa Society is the Beta of Vermont. Those of the first one-fifth of the men, and of the first one-fifth of the women, of each graduating class, who have attained an average rank of 87½ per cent for the first seven semesters of the college course are eligible for election to membership.

PRIZES

The Deacon Boardman Peace Prize. Established in memory of Samuel Ward Boardman (1789-1870).

An annual prize of $30 to the member of the Junior class submitting the best essay in favor of peace, and in opposition to war as a method for settling international differences. The essay must be creditable as a literary composition and consist of at least 2,000 words.

THE LATIN PRIZES. In the Latin Department, recognition is made of excellence in the work of the second semester of the Sophomore year, including the preparation of a note-book exhibiting the debt of English poetry to Horace, by a first prize of $10, and second and third prizes of photographs of classic art.

THE KELLOGG LATIN-ENGLISH PRIZE. Established by gift of Prof. Brainerd Kellogg, LL.D., Litt.D., of the class of 1858, Trustee, "to encourage Latin and English." The income from $500 awarded annually to the two best papers in Horace.

GRADUATE WORK

MIDDLEBURY COLLEGE provides courses in many departments for students desiring to pursue a Master's degree. Correspondence should be directed to Professor Myron R. Sanford, Chairman of the Committee on Graduate Work.

The degrees of Master of Arts and of Master of Science may be attained by graduate work completed during the regular college year, or at summer sessions, in accordance with the following regulations:

1. The candidate must have a baccalaureate degree from this College, or from one having an equivalent curriculum.

2. Candidates should register during the first week of either semester, or during the first week of the Summer Session. A renewal of all existing registrations must be made at the beginning of each college year.

3. To obtain the degree of Master of Arts, or of Master of Science, one full year in residence (September to June), occupied in the pursuance of work equivalent to ten courses rated at thirty points will be necessary. This requirement of residence may also be met by an attendance of not less than four Summer Sessions.

4. To obtain either of the advanced degrees, twenty out of the required thirty points must be obtained at Middlebury College.

5. Candidates for either degree, after conference with the instructor or instructors interested, shall outline the work intended and the studies desired, and present such outline to the Committee on Graduate Work for its approval.

6. The major work of the candidate must be undertaken in some department, in which there have been completed undergraduate courses of study of such advanced grade, as to satisfy the department of her fitness to enter upon graduate work.

7. One-half of the work (fifteen semester hours) must consist of specially assigned graduate studies and investigations, prescribed by the department in which the major work is undertaken; the remaining half may be pursued in undergraduate courses of C grade recommended by the department in which the major work is taken, and approved by the Committee on Graduate Work. A minimum grade of 80 per cent shall be maintained in all of the courses counting toward the degree.

8. Graduates of Middlebury College who have to their credit work done in undergraduate years, and not counted toward a baccalaureate degree, may count fifteen such credits toward an advanced degree, subject, however, to the provision made for undergraduate courses in Section 7.

9. No credits counted in conferring a first degree at Middlebury College, or elsewhere, shall be accepted for a second degree.

10. The work must be completed within five years after the first registration, unless this period is extended by vote of the Faculty.

11. Besides the regular examinations, the candidate must be examined in the subject chosen for the major study, and, at the discretion of the instructor under whose direction this work is done, may be required to present a thesis.

12. The degree shall be conferred either at the Commencement or at the Summer Session following the completion of the work.

13. The regular tuition fees for undergraduate work are charged. An additional fee of $15 is required for the final examination and the diploma.

THE GENERAL CATALOGUE

Copies of the 1915 General Catalogue of Middlebury College are still available. An immense amount of painstaking care went into the preparation of this work. The biographical records since 1900 are entirely new, and those of earlier classes, back to the very beginning of the College, have been brought to date and supplemented wherever possible. The price of the Catalogue, bound in a dark blue cloth uniform with the 1900 edition, is $1.00, postpaid. Orders should be sent to Editor of College Publications, Room 7, Middle Painter, Middlebury, Vt.

THE ALUMNAE ASSOCIATION

The officers of the Alumnae Association are: President, Mrs. Adelaide Ross Hoyt, '15; Vice-President,

Miss Florence C. Allen, '98; Secretary and Treasurer, Mrs. Ginvera Harlow Caswell, '15; Executive Committee, Mrs. Bernice Thomas Flint, '01, Miss Helen Clift, '18.

The officers of the Boston Association are: President, J. E. Parker, '02; Vice-President, Mrs. Rachel Pike Phinney, '12; Secretary and Treasurer, P. R. Harmon, ex-'11; Executive Committee, Miss H. Isabelle Cole, '06, L. W. Cluff, '14, J. E. Rourke, ex-'17.

The officers of the Western New England Association are: President, Roy D. Harris, '17; Secretary and Treasurer, Miss Isabel C. Field, '15.

The officers of the Worcester County (Mass.) Alumnae Club are: President, Miss Grace M. Ellis, '12; Secretary and Treasurer, Miss Annie F. Smith, '06.

The officers of the Connecticut Alumni Association are: President, W. T. Fisk, '09; Secretary, Miss Charlotte C. Marsh, '18; Treasurer, Mrs. Fanny Milliken Botsford, '05; Executive Committee, J. M. Ricker, '05, Miss Ruth Baldwin, ex-'20, G. R. Ayres, '16.

NEEDS OF THE COLLEGE

THE most urgent need is additional endowment for Professors' salaries. The General Education Board has pledged $250,000 for this purpose on condition that $750,000 additional be secured.

In addition to funds for salaries, the officers of the General Education Board have recommended the erection of buildings and additions to endowment as shown in the following summary taken from their report to the Trustees:

	Minimum	*Maximum*	
For the Present Enrollment:			
Recitation Hall	$125,000	$150,000	
Administration Building	25,000	60,000	
Women's Educational Building		75,000	
Gymnasium for Women		75,000	$ 360,000
For Increased Enrollment			
Residence Hall for Women	75,000	100,000	
Dining Hall for Women		75,000	
Residence Halls for Men:			
Repairs		20,000	
New Hall	125,000	150,000	345,000
Total for Plant			$ 705,000
Endowment: For up-keep of new buildings			100,000
For new teachers (present enrollment)			300,000
For new teachers (increased enrollment)			400,000
			$ 800,000
Total Suggested Sum Needed			$1,505,000

FORMS FOR BEQUESTS

THE corporate title of Middlebury College is "The President and Fellows of Middlebury College."

The following forms are suggested:

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ———— dollars, to be used by the Trustees of said College for such purposes and in such manner as they shall deem appropriate.

I give and bequeath to "The President and Fellows of Middlebury College," a corporation of the State of Vermont, the sum of ——— dollars, to be invested by the Trustees of said College, and the income thereof to be applied to the uses of said College in accordance with the terms of its charter.

DEGREES CONFERRED IN 1921

HONORARY DEGREES

Doctor of Divinity

Frazer Metzger

Doctor of Science

Frank Hall Knowlton

William Wesley McGilton

Doctor of Laws

Andrew E. Clark

Cass Gilbert

Doctor of Letters

Dorothy Canfield Fisher

DEGREES IN COURSE

WITH COMMENCEMENT APPOINTMENTS

Masters of Arts

Genevieve L. Brooke, N. Y. State College
Clorinda Burrows Ramsay, Smith College
Edna Rothholz, Goucher College
Mary Louise Smith, '20

Bachelors of Arts

Ruth Anna Aldrich†[2]
Dorothy Deane Bliss†¶
Gertrude Minnetta Bryant
Esther Ingeborg Carlson†||*¶
Elizabeth Marguerite Conlon
Edith Marie Cowles†¶[3]
Lillian Johnson Deans
Helen Margaret Hogan[4]
Marie Anna Kilbride[4]
Ona Mabel Ladd||
Florence Harris Langley†¶[4]
Kathryn Marjorie Mara
Elizabeth Dorothy Novak
Angeline Marion Simpson[3 8]
Lucy Melvina Stearns[6]
Corinne Marshall Weber†§*¶
Frances Lee Wiley[3]

Bachelors of Science

Ruth Louise Adams[1]
Ruth Lindley Ashworth
Isabel Dora Bardwell[1]
Ruth Burbeck Johnson
Grace Evelyn Kingsley
Carleta A. Ottman†
Alice Anne Ryan
Emma Schaefer[1]
Edith Helen Tallmadge
Janet McLean Taylor

‖ *Valedictory Honors
§* Salutatory Honors
‡ Degree conferred *magna cum laude*
† Degree conferred *cum laude*
¶ Phi Beta Kappa
[1] Honors in Chemistry
[2] High Honors in French
[3] Honors in French
[4] Honors in Latin
[5] Honors in Music
[6] Honors in Pedagogy
[7] Honors in Political Science
[8] High Honors in Spanish

STUDENTS

(The letter *a* after the name of a student indicates that she is a candidate for the degree of Bachelor of Arts; the letter *s*, that she is a candidate for the degree of Bachelor of Science.)

GRADUATE STUDENTS

Bertha Elizabeth Farrell, '18	*Middlebury*	38 College St.
Ona Mabel Ladd, '21	*Randolph*	Hillside Cottage

SENIORS: CLASS OF 1922

Doris Ashworth	*s*	*Leicester, Mass.*	2 Pearsons Hall
Annie Lucile Baldwin	*a*	*North Stratford, N. H.*	21 Pearsons Hall
Fanny Barnes	*s*	*Plattsburg, N. Y.*	38 Pearsons Hall
Margaret Irene Billings	*s*	*Walpole, Mass.*	26 Pearsons Hall
Karen Elizabeth Carlson	*a*	*West Rutland*	31 Pearsons Hall
Hazel Genevieve Chase	*a*	*Brattleboro*	6 Pearsons Hall
Bernice Katharine Clapp	*a*	*Richford*	32 Pearsons Hall
Ruth Eliza Coolidge	*a*	*Bellows Falls*	28 Pearsons Hall
Marion Hill Crathern	*a*	*Mason, N. H.*	Maison Francaise
Margaret Caroline Dickinson	*a*	*Amherst, Mass.*	27 Pearsons Hall
Dorothy Douglas	*a*	*Philadelphia, Pa.*	29 Pearsons Hall
Beatrice Florence Dumas	*a*	*Middlebury*	11 College St.
Kathryn Helen Finnegan	*a*	*Worcester, Mass.*	Maison Francaise
Madeleine Irene Gaylor	*s*	*Cliftondale, Mass.*	31 Pearsons Hall
Amy Ella Goodell	*s*	*Brattleboro*	22 Pearsons Hall
Margaret Bell Jenkins	*s*	*Waterbury, Conn.*	26 Pearsons Hall
Mildred Evelyn Jenkins	*s*	*Fair Haven*	37 Pearsons Hall
Ida Louise Jennings	*a*	*Green's Farms, Conn.*	20 Pearsons Hall
Janet Keach	*a*	*Salisbury*	11 College St.
Helen Marguerite Kilbride	*a*	*Waterbury, Conn.*	Hillside Cottage
Alice May Kirkpatrick	*s*	*North Leominster, Mass.*	39 Pearsons Hall
Alice Evelyn Ladd	*a*	*East Andover, N. H.*	36 Pearsons Hall
Anne Augusta Littlefield	*a*	*Newburyport, Mass.*	39 Pearsons Hall
Ruth Lillie Mac Arthur	*s*	*Glens Falls, N. Y.*	4 Pearsons Hall
Dorothy Helen Mackay	*a*	*South Peacham*	30 Pearsons Hall
Ruth Almira Moulton	*a*	*Derby*	Maison Francaise
Doris Marguerite Pinney	*s*	*Dalton, Mass.*	36 Pearsons Hall
Aimee Adora Putnam	*s*	*Greenfield, Mass.*	22 Pearsons Hall
Maybelle Eliza Norma Rice	*s*	*Seward, Alaska*	33 Pearsons Hall
Kathryn Julia Rogers	*a*	*Barre*	27 Pearsons Hall
Alice Genevieve St. Pierre	*a*	*Brandon*	Hillside Cottage
Mary Jane Sanderson	*a*	*Windsor*	23 Pearsons Hall
Aroline Hathaway Sargent	*a*	*Deerfield, Mass.*	Eddy House
Elsie Sophia Scott	*s*	*Greenfield, Mass.*	B Pearsons Hall

Julia Bernadine Sullivan	*a Waterbury, Conn.*	41 Pearsons Hall
Marion Elizabeth Tilden	*a Barre*	4 Pearsons Hall
Marion Ellen Willey	*a Barre*	Maison Francaise
Lila Evetta Winchester	*a Pawlet*	30 Pearsons Hall
Hilda Elizabeth Woodruff	*a Middlebury*	123 South Main St.
Ella Bascom Wright	*a Deerfield, Mass.*	Hillside Cottage

JUNIORS: CLASS OF 1923

Lulu Helen Abel	*a Naugatuck, Conn.*	Hillside Cottage
Matilda Fannie Axton	*a Washington, D. C.*	25 Pearsons Hall
Muriel Anne Barker	*s Unionville, Ct.*	11 Pearsons Hall
Elsie Josephine Barrell	*a White River Junction*	Hillcrest Cottage
Beatrice Williams Benedict	*a New Haven*	13 College St.
Helen Iva Benedict	*a Ticonderoga, N. Y.*	Hillcrest Cottage
Pearl Elizabeth Blackburn	*a Newport*	24 Pearsons Hall
Helen Eliazbeth Bolton	*a Troy, N. Y.*	Hillcrest Cottage
Martha Harriette Bolton	*a Troy, N. Y.*	Hillcrest Cottage
Dorothy Ellen Brainerd	*a Middlebury*	39 Seminary St.
Barbara Taber Browning	*s West Orange, N. J.*	Hillcrest Cottage
Marion Charlotte Buffum	*a Burlington*	Maison Francaise
Elsie Lois Campbell	*s Leominster, Mass.*	A Pearsons Hall
Mary Frances Caswell	*a Middlebury*	45 Seminary St.
Mary Priscilla Chase	*a Rumford, R. I.*	19 Weybridge St.
Florence Gregg Clarke	*a Washington, Conn.*	Maison Francaise
Vie Sylvia Dole	*s Danville*	Hillcrest Cottage
Rena Claire Dumas	*a Middlebury*	12 College St.
Harriet Fitch Fillmore	*s Mooers, N. Y.*	11 Pearsons Hall
Esther Frost	*a St. Johnsbury*	Eddy House
Mary Katherine Gahagan	*a Oxford, Mass.*	46 Pearsons Hall
Margaret Elizabeth Graham	*a Middlebury*	1 Court St.
Merna Grace Hicks	*s Ashuelot, N. H.*	40 Pearsons Hall
Emily Pond Hobbs	*a Worcester, Mass.*	Hillside Cottage
Elizabeth McDowell Jacobs	*a Wilmington, Del.*	Maison Francaise
Mildred Barbara Kienle	*a Easthampton, Mass.*	34 Pearsons Hall
Daisy Clarke Kimball	*a Bellows Falls*	47 Pearsons Hall
Esther Margaret Langwill	*a Springfield, Mass.*	Maison Francaise
Margaret Elizabeth Lee	*a Easthampton, Mass.*	A Pearsons Hall
Alice Buck Littlefield	*a Norwood, Mass.*	2 Pearsons Hall
Muriel Minturn Long	*a Waterbury, Conn.*	12 Pearsons Hall
Mary Ellen Loughrey	*a Worcester, Mass.*	Hillcrest Cottage
Agnes Marguerite Loukes	*a West Rutland*	Hillside Cottage
Madeline Nicholson McDonald	*a Barre*	10 Pearsons Hall
Cecilia Agnes McDonough	*a West Rutland*	46 Pearsons Hall
Helen Louise McNulty	*s Rutherford, N. J.*	48 Pearsons Hall
Reba Veronica Maxfield	*a Brandon*	28 Pearsons Hall
Mildred Frances Monroe	*a Bristol*	37 Pearsons Hall
Dorothy Florence Newton	*a Wallingford*	9 Pearsons Hall

Mildred Harriette Parkhill	*s*	*Cornwall*	13 College St.
Dorothy Mitta Parsons	*a*	*Southampton, Mass.*	Hillside Cottage
Margaret Perry Porter	*a*	*Walpole, N. H.*	48 Pearsons Hall
Helen Clark Prageman	*s*	*Tracy, Conn.*	34 Pearsons Hall
Florinne Blanche Pratt	*a*	*Diamond Point, N. Y.*	25 College St.
Marion Chaffee Prince	*s*	*Franklin, Mass.*	9 Pearsons Hall
Hazel Oliver Proctor	*a*	*Fair Haven*	22 Battell Cottage
Grace Louise Provencher	*a*	*Crown Point, N. Y.*	13 College St.
Catherine Emma Robbins	*s*	*Cornwall*	13 Battell Cottage
Evelyn Blanche Ryle	*s*	*Montpelier*	Hillcrest Cottage
Beulah Mary Scott	*a*	*Greenfield, Mass.*	C Pearsons Hall
Beatrice Augusta Scovell	*a*	*Brattleboro*	Hillcrest Cottage
Edith Putnam Sibley	*a*	*Bennington*	29 Pearsons Hall
Dorothy Belle Slayton	*a*	*Montpelier*	Hillcrest Cottage
Mildred Grace Stewart	*s*	*Mooers, N. Y.*	38 Pearsons Hall
Barbara Stilphen	*a*	*Swanton*	12 Pearsons Hall
Lillian Myrtle Taylor	*a*	*Spencer, Mass.*	The Gables
Gladys Rosebell Thompson	*a*	*South Ryegate*	Maison Francaise
Charlotte Mae Thorpe	*s*	*Brandon*	Hillside Cottage
Marian Warren Travis	*s*	*Framingham, Mass.*	21 Battell Cottage
Ethelinda Tucker	*a*	*Ipswich, Mass.*	Eddy House
Marion Lucile Turner	*s*	*Berlin*	40 Pearsons Hall
Helen Caroline Warren	*a*	*West Auburn, Mass.*	Hillside Cottage
Edith Rosalind Webster	*a*	*Litchfield, Conn.*	20 Pearsons Hall
Edith Margaret Weller	*s*	*Brandon*	12 Battell Cottage
Myrtle Gertrude Weller	*a*	*Brandon*	24 Battell Cottage
Aura Dickinson Wells	*a*	*Leominster, Mass.*	47 Pearsons Hall
Mary Elizabeth Williams	*a*	*Rutland*	10 Pearsons Hall
Ruth Etta Wright	*a*	*Colchester*	24 Pearsons Hall
Florence Letetia Yates	*a*	*Middlebury*	60 Washington St.

SOPHOMORES: CLASS OF 1924

Adaline Frances Angier	*a*	*Walpole, N. H.*	Eddy House
Martha Eliza Baldwin	*s*	*North Stratford, N. H.*	21 Pearsons Hall
Helen Everett Barksdale	*a*	*Sherborn, Mass.*	11 Battell Cottage
Emma Ruth Belcher	*s*	*Chester*	Hillcrest Cottage
Jessie Jean Bennett	*s*	*Manchester*	Hillcrest Cottage
Marian Louise Billings	*a*	*Walpole, Mass.*	5 Battell Cottage
Alice Nielsen Blanchard	*a*	*Montpelier*	2 Battell Cottage
Florence Lillian Bolger	*a*	*Fair Haven*	Hillcrest Cottage
Iva Louise Brooks	*a*	*Pike, N. H.*	Hillcrest Cottage
Rosa Ravi Brooks	*a*	*Colchester Center, Ct.*	Hillcrest Cottage
Margaret Pelton Brown	*a*	*Enosburg Falls*	15 Battell Cottage
Louise Elizabeth Burnham	*a*	*Springfield, Mass.*	The Homestead
Helen Louise Canerdy	*a*	*Waterbury*	Hillcrest Cottage
Helen Gertrude Cleveland	*a*	*Greenwich, N. Y.*	Eddy House
Barbara Allerton Conant	*a*	*St. Johnsbury*	Eddy House
Ruth Cooley Cowles	*s*	*Hartford, Ct.*	44 Pearsons Hall

Marjorie Emily Currier	*s*	*Danville*	2 Battell Cottage
Minnie Amelia Cushman	*a*	*Lincoln*	Hillcrest Cottage
Lillian Helen Dirks	*a*	*Portsmouth, N. H.*	10 Battell Cottage
Ruth Eddy	*a*	*Middlebury*	34 Webridge St.
Helen Rosella Field	*a*	*Greenfield, Mass.*	7 Battell Cottage
Norma Winifred Foster	*a*	*Greenfield, Mass.*	19 Battell Cottage
Elizabeth Augusta Gordon	*a*	*Winthrop Beach, Mass.*	Hillcrest Cottage
Carolyn Julia Griffith	*a*	*Danby*	Hillside Cottage
Margaret Bradley Harriman	*a*	*Middlebury*	2 Main St.
Grace Tupper Hathaway	*a*	*Middlebury*	25 Elm St.
Viola Lowessa Holt	*s*	*Rochester*	16 Battell Cottage
Marjorie Eloise Howard	*a*	*Middlebury*	55 Seminary St.
Amy May Hunt	*a*	*Bellows Falls*	4 Battell Cottage
Marion Jeannette Janes	*s*	*Worcester, Mass.*	45 Pearsons Hall
Marjory Luella Johnson	*s*	*Batavia, N. Y.*	17 Battell Cottage
Edith Temple Jones	*a*	*Fair Haven*	8 Battell Cottage
Margaret Barbara Keir	*s*	*Whitefield, N. H.*	5 Battell Cottage
Kathleen Frances Kirby	*a*	*Fall River, Mass.*	Hillcrest Cottage
Lillian Vianna Knight	*s*	*Torrington, Ct.*	Maison Francaise
Marjorie Knox	*a*	*Taunton, Mass.*	Hillcrest Cottage
Helen Gertrude LaForce	*s*	*Schenectady, N. Y.*	8 South St.
Helen Margaret Leeney	*a*	*Waterbury, Ct.*	3 Battell Cottage
Helen Crawford Lingham	*a*	*Newton Highlands, Mass.*	7 Battell Cottage
Helen Esther Littlejohn	*a*	*Woodbury, Ct.*	123 Main St.
Margaret Julie Mahoney	*a*	*Worcester, Mass.*	9 Battell Cottage
Janice Meredith Mead	*s*	*West Rutland*	Hillcrest Cottage
Madge Lillian Merritt	*a*	*Morrisville*	Hillcrest Cottage
Beatrice Annette Mills	*s*	*Middlebury*	1 Battell Cottage
Muriel Morey	*s*	*Miami, Fla.*	8 South St.
Ruth Gardner Nelson	*a*	*Granville, N. Y.*	Eddy House
Adeline Florence Newman	*s*	*Bethel*	Hillcrest Cottage
Florence Noble	*a*	*Middlebury*	The Heights
Erminie Lucile Ostiguy	*a*	*Rutland*	Maison Francaise
Marion Elizabeth Pellett	*a*	*Marlboro, Mass.*	45 Pearsons Hall
Sadie Ruth Posner	*a*	*Waterbury, Ct.*	Hillside Cottage
Marion Louise Potts	*a*	*Howe's Cave, N. Y.*	23 Battell Cottage
Ruth Elizabeth Quigley	*a*	*Rutland*	35 Pearsons Hall
Sylvia Anna Riffelmacher	*s*	*Springfield, Mass.*	The Gables
Edith Mae Sirica	*a*	*Waterbury, Ct.*	Hillside Cottage
Emily Louise Sisson	*s*	*Schaghticoke, N. Y.*	9 Battell Cottage
Frances Charlotte Smith	*a*	*Fair Haven*	8 Battell Cottage
Margaret Estella Smith	*s*	*Bristol*	23 Battell Cottage
Elizabeth Spencer	*a*	*Brattleboro*	25 Pearsons Hall
Margaret Louise Stearns	*a*	*Conway, Mass.*	The Homestead
Dorothy Victoria Taylor	*s*	*Shelburne, Mass.*	19 Battell Cottage
Helen Aravilla Taylor	*a*	*Waterbury, Ct.*	Maison Francaise
Edris Hope Thayer	*s*	*Bellows Falls*	4 Battell Cottage
Margaret Mary Tomasi	*a*	*Barre*	Hillcrest Cottage

Doris Katherine Upton	*a*	*North Leominster, Mass.*	Hillcrest Cottage
Edna Patricia Volin	*a*	*Pittsfield, Mass.*	42 Pearsons Hall
Wilma Louise Walsh	*s*	*Dorset*	The Gables
Olive Arlene Walters	*a*	*West Rutland*	6 Pearsons Hall
Marion Elizabeth Welcome	*s*	*West Chesterfield, N. H.*	Hillcrest Cottage
Anna Elizabeth Wilkinson	*a*	*Rutland*	14 Battell Cottage
Geraldine Catherine Wimmett	*a*	*Middlebury*	30 South St.
Viola Alice Wood	*s*	*Wells*	10 College St.
Gladys Lyle Wright	*s*	*Deep River, Ct.*	Eddy House
Phyllis Dorothy Wright	*s*	*Crown Point, N. Y.*	Hillcrest Cottage

FRESHMEN: CLASS OF 1925

Marguerite Ackley	*a*	*Wallingford*	The Homestead
Sarah Watson Bailey	*s*	*Mechanicville, N. Y.*	19 Weybridge St.
Louise Emeroy Barnard	*s*	*Schenectady, N. Y.*	The Gables
Olivet Minerva Beckwith	*a*	*Unionville, Ct.*	5 Franklin St.
Eleanor Irene Bowman	*s*	*St. Johnsbury*	Eddy House
Mary Broomell	*s*	*Chicago, Ill.*	2 Shannon St
Esther Eastman Brown	*s*	*Worcester, Mass.*	The Homestead
Cecile Mary Burns	*a*	*Middlebury*	Middlebury,R.F.D.
Edith Carlysle Cartmell	*s*	*Middlebury*	57 N. Pleasant St.
Mildred Elvira Clark	*s*	*Pittsfield, Mass.*	123 Main St.
Ruth Mary Collins	*a*	*Middlebury*	Broad View Farm
Kathryn Whitman Davis	*s*	*Downers Grove, Ill.*	123 Main St.
Hazelle Madeleine Dickson	*s*	*Milton, N. H.*	The Gables
Ruth Avis Dodge	*a*	*Pawlet*	The Homestead
Helen May Dunz	*s*	*Cohoes, N. Y.*	8 Franklin St.
Marjorie Benson Eames	*s*	*Newfane*	11 Weybridge St.
Doris Marcia Eddy	*a*	*Derby*	11 College St.
Louise Harriet Elmer	*a*	*Addison*	5 Franklin St.
Ione Pearle Fellows	*a*	*Derby*	11 College St.
Beryle Alice Clements Gaylor	*s*	*Cliftondale, Mass.*	123 Main St.
Lucia Goldthorp	*s*	*Yonkers, N. Y.*	11 Weybridge St.
Aldura Hatch	*a*	*Salt Lake City, Utah*	1 Franklin St.
Marion Ethel Holcomb	*s*	*Addison*	13 College St.
Dorothy Barker Johnson	*a*	*Newburyport, Mass.*	12 College St.
Agnes Earlyne Kinney	*a*	*Amesbury, Mass.*	8 Franklin St.
Agnes Blair Mackay	*s*	*Peacham*	8 South St.
Arline Marsh	*a*	*Montvale, N. J.*	12 College St.
Mary Isabell Marshall	*a*	*Rutland*	The Homestead
Helen Rose Miller	*a*	*Brattleboro*	19 Weybridge St.
Katharine Mix	*s*	*Worcester, Mass.*	1 Franklin St.
Lucy Corinne Newman	*s*	*Bethel*	13 College St.
Helen Claghorn Newton	*s*	*Wallingford*	The Homestead
Mildred Evelyn Partridge	*a*	*Winchester, N. H.*	The Homestead
Margaret Peck	*a*	*Rutland*	The Homestead
Marian Elizabeth Peterson	*a*	*North Craftsbury*	2 Shannon St.

Evelyn Stevens Plumley	*a*	*Northfield*	The Homestead
Edith Lillian Ranquist	*a*	*Concord, N. H.*	Hillside Cottage
Dorothy Elizabeth Reed	*s*	*Collinsville, Ct.*	The Gables
Florence Elizabeth Reed	*a*	*Kingston, N. H.*	123 Main St.
Dorothy Gage Saltmarsh	*a*	*Suncook, N. H.*	5 Franklin St.
Alice Priscilla Sargent	*a*	*Northfield*	The Homestead
Esther Virginia Sargent	*a*	*Deerfield, Mass.*	Eddy House
Dorothy Mae Scott	*a*	*Concord, N. H.*	Hillside Cottage
Verna Louise Scott	*s*	*Port Chester, N. Y.*	The Gables
Helen Sheldon	*a*	*Sharon, Mass.*	2 Shannon St.
Elizabeth Webster Smith	*s*	*Gloucester, Mass.*	Hillcrest Cottage
Esther Margaret Spooner	*a*	*Kent, Ct.*	13 College St.
Eleanor Margaret Sprague	*s*	*Winter Park, Fla.*	1 Franklin St.
Beatrice Christina Stevens	*a*	*Newburyport, Mass.*	The Gables
Katherine Frances Stockwell	*a*	*Brattleboro*	The Gables
Helen Bates Stone	*a*	*Windsor*	2 Shannon St.
Isobel Christina Sutherland	*a*	*Northfield, Mass.*	19 Weybridge St.
Christina Frances Tasker	*a*	*Wakefield, Mass.*	11 Weybridge St.
Ruth Evelyn Taylor	*a*	*Windsor*	2 Shannon St.
Georgia Blair Thornton	*a*	*West Barnet*	8 South St.
Dorothy Maude Tillapaugh	*a*	*Torrington, Conn.*	The Gables
Lelia May Wallace	*a*	*Waterbury*	19 Weybridge St.
Mary Arnold Weatherhead	*s*	*Lee, Mass.*	8 Franklin St.
Ruth Elizabeth Whitney	*a*	*Springfield*	8 Franklin St.
Marjorie Elizabeth Winter	*a*	*Rutherford, N. J.*	The Gables
Marion Miner Wolcott	*a*	*Amherst, Mass.*	The Gables
Dorothy Janette Woolsey	*a*	*East Orange, N. J.*	2 Shannon St.
Edith Marian Young	*a*	*Granville, N. Y.*	Hillcrest Cottage

SUMMARY BY CLASSES

Graduate Students	2
Seniors	40
Juniors	69
Sophomores	74
Freshmen	63
	248
Men	246
Summer Session	388
Total	882
Counted Twice	23
Net Total	859

CLASSIFICATION BY COURSES

UNDERGRADUATES ONLY

	Candidates for A.B.	*Candidates for B.S.*
Seniors	27	13
Juniors	52	17
Sophomores	49	25
Freshmen	40	23
	168	78

GEOGRAPHICAL DISTRIBUTION

UNDERGRADUATES ONLY

Vermont	110
Massachusetts	59
Connecticut	23
New York	22
New Hampshire	17
New Jersey	5
Florida	2
Illinois	2
Alaska	1
Delaware	1
District of Columbia	1
Pennsylvania	1
Rhode Island	1
Utah	1
	246

CALENDAR

COLLEGE YEAR 1921-22

September 19.	College Year begins.
December 16. – January 2.	Christmas Recess.
February 4.	First Semester ends.
February 6.	Second Semester begins.
February 22.	Washington's Birthday.
April 7-17.	Spring Recess.
May 11-13.	Junior Week.
May 30.	Memorial Day.
June 17.	Class Day. Alumni Day. Meeting of Phi Beta Kappa Society.
June 18.	Commencement Sunday.
June 19.	Commencement Day.
July 3. – August 18.	English School at Bread Loaf.
June 30. – August 17.	French, Spanish, and Chemistry Schools.

COLLEGE YEAR 1922-23

September 18-20.	Monday to Wednesday, Examination and Registration Days.
September 21.	President's address, Mead Memorial Chapel, 9:30 A. M. Recitations begin, 11:30 A.M.
December 15. – January 2.	Christmas Recess.
February 3.	First Semester ends.
February 5.	Second Semester begins.

Entered as second-class matter at the Post Office, Middlebury,
Vermont, under act of Congress of July 16, 1894